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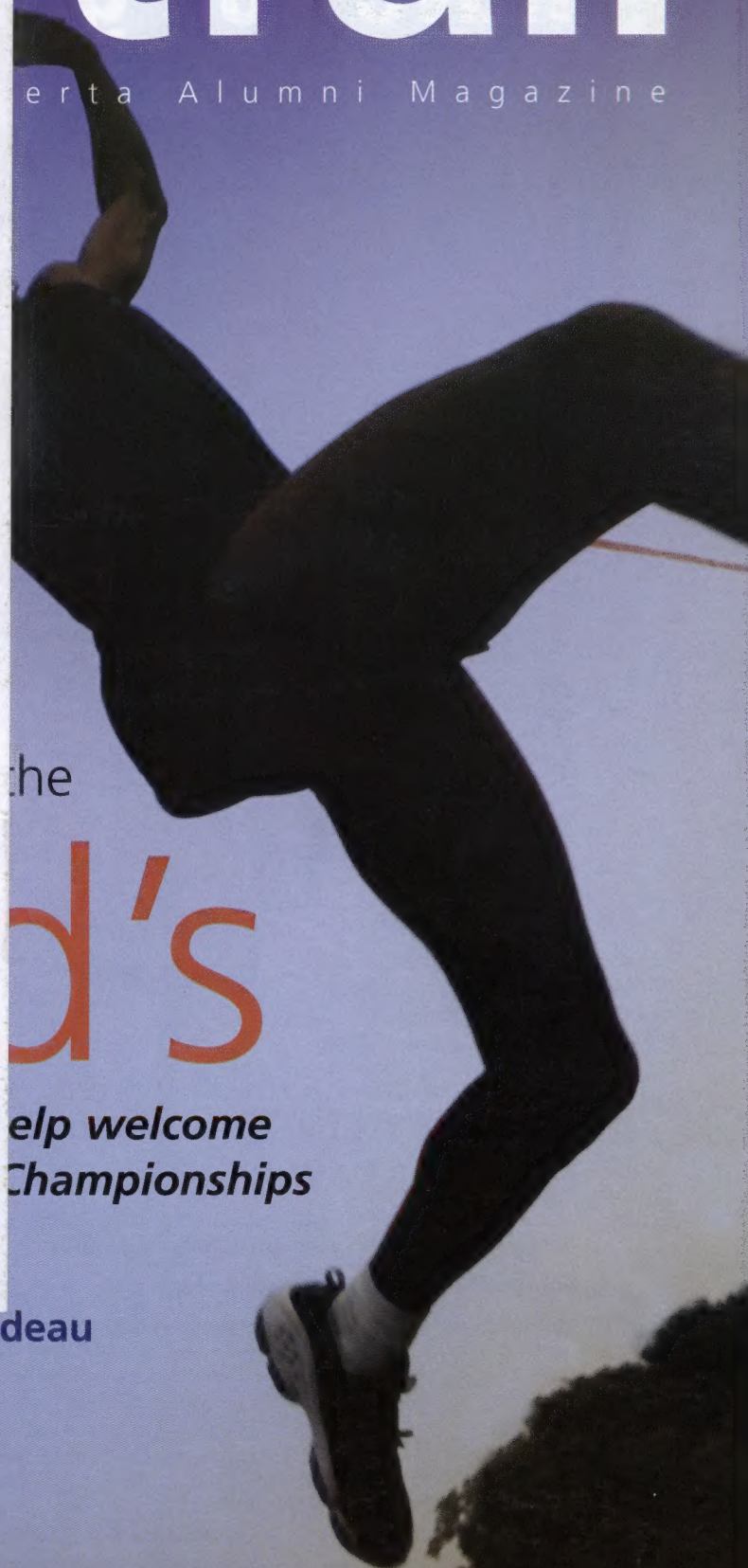
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Spring 2001

newtrail

The University of Alberta Alumni Magazine

On track for the
World's

*The University prepares to help welcome
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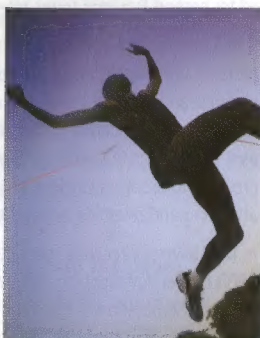
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features



13 Their Trudeau Years

With the recent death of Pierre Trudeau, Canadians have been looking back at that period in their history—an important time in the shaping of Canada as we know it today. Among those who recall those years are five University of Alberta alumni who worked closely with Trudeau.

18 On Track for the World's

This summer the University will be an integral part of the staging of the world's third largest sporting spectacle, the IAAF World Championships in Athletics.

22 The Class of 2001

In 1997 *New Trail* interviewed seven students about to begin their studies on campus. Writer Deborah Waldman recently spoke with them again to discuss their four years on campus.

30 Sifting in Siberia

University of Alberta anthropology professor Andrzej Weber hopes to solve a mystery relating to the early history of humans in Siberia.

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HERE'S HOW TO REACH US ...

Comments, suggestions, story ideas—*New Trail* welcomes them all. Our reader response line is ready to take your calls. So leave us message at **492-1702**. *New Trail* also welcomes letters to the editor. If you would like to comment on any of the stories that appear in the magazine, please write us at *New Trail*, 6th Floor, General Services Building, University of Alberta, Edmonton, Alberta, T6G 2H1

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BASECAMP



With winter (which in Edmonton was barely more than a nominal winter, anyhow) quickly

losing its grip, the countdown has begun: soon the world, in the form of the World's, will arrive.

Once again the University will help host a major international sporting competition, and the sort of excitement that we saw in 1978 and 1983 is beginning to build.

In early August Edmonton will host the 8th International Amateur Athletics Federation World Championships in Athletics—known simply as the World's. It's a competition that gets a lot of attention around the world. Only World Cup soccer and the Summer Olympics have a higher global profile. It is expected that the television viewing audience will exceed four billion.

In this issue we highlight some of the ways in which the University is participating in staging the World's and the legacy the competition will provide the University. That legacy includes a new athletic training facility that will be a boon not only to the University athletes but to the entire community.

With the world coming to Edmonton—in person and via the media—there exists an opportunity to draw attention to our University and its accomplishments, and alumni are being asked to help. On 6 August, the fourth day of the World's, staff, students, alumni, and friends of the University are being asked to wear green and gold to show the world our pride in our University.

It's an opportunity not to be missed: there may never be another chance like it. Mark it on your calendars now: 6 August 2001. Show the world your true colours.

Rick Pilger
Editor, *New Trail*

new trail

Spring 2001

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landmarks

■ **Art Quinney**, '74 PhD, U of A
associate vice-president (academic) and



former dean of the
Faculty of Physical
Education and
Recreation, was
recently honoured with

a Canadian Society of
Exercise and Physiology honorary award
for his contributions to the field of
exercise science.

■ The Orlando Project, the first scholar-
ly history of women's writing in the
British Isles, is being internationally rec-
ognized. U of A professors Isobel
Grundy and **Pat Clements**, '64 BA,
along with University of Guelph professor
Susan Brown, '91 PhD, the creators of
the project, have been asked to deliver
Oxford University's prestigious annual
D.F. MacKenzie Lecture this spring.

■ Gary Kachanoski has accepted the
position of vice-president (research)
at the University of Alberta, and will
officially start on 1 September 2001.
Kachanoski is currently the dean of
the College of Graduate Studies and
Research at the University of
Saskatchewan and is also the president
of the Canadian Society of Soil Science.

■ West Fraser Timber has donated
\$250,000 to support University of
Alberta graduate scholarships in
enhanced forest management. For each
of the next five years, \$50,000 will be
available for scholarships, and
it is expected that the funding will
create two annual awards of \$25,000.
The first scholarships will be awarded
in 2001 to students whose research is
relevant to Alberta's forest industry.

■ Lorna Higdon-Norrie recently joined
the University as a strategic policy ad-
visor, a newly

created position that
will see Higdon-Norrie
work with policy
initiatives, research
partnerships, govern-
ment relations, inter-
national initiatives, fund development,
and general administrative or executive
issues.

■ The 2001 laureates of the J. Gordin
Kaplan Award for Excellence in Research
at the University of Alberta are **D. Jean
Clandinin**, '74 MEd, a professor in the
Department of Elementary Education
and Richard Stein, a professor in the
Department of Physiology.

■ Larry Beauchamp, dean of the Faculty
of Education, and **Ian Morrison**,
'69 BSc, '73 MSc, dean of the Faculty
of Agriculture, Forestry, and Home
Economics, have both been reappoint-
ed for second five-year terms effective
1 July 2001.

■ The U of A was recently granted 16
new research chair positions, including
the only fine arts chair in the country
as a result of a \$900 million federal
program to assist universities in
attracting and retaining researchers.

■ The University recently received a
\$500,000 endowment from Canative
Housing Corporation, a non-profit
organization that provides housing for
First Nations people. The endowment
will be used to recruit Aboriginals to
study at the U of A.

■ Tom Priestly (right), University pro-
fessor in modern languages and cultur-
al studies, recently made a trip to
Ljubljana, Slovenia, where he was
presented with the Freedom Medal of
Honour by President Milan Kucan.
Priestly was recognized for his work
and "contributions to the propagation
of Slovene culture in the world."



■ The Canadian Institutes for Health
Research named University nursing
professor Miriam Steward, head of the
U of A's Centre for Health Promotion
Studies, as director of its gender and
health institute. CIHR Institutes are "vir-
tual" organizations that support and
connect researchers across Canada.

■ **Sports scores:** It's two-in-a-row for
the U of A Pandas rugby team, which
won gold at the 2000 CIAU national
championships. This is the second year
that the team has won the national
title. Also in the medals, the Golden
Bears cross-country team won silver at
its national championships—the first
U of A cross-country team to win a
medal since 1986. In addition, the
Pandas field hockey team won a bronze
at its CIAU National Championships.

■ The University community recently
noted with sorrow the passing of John
Gray, a professor in the University's
Department of Physics.

LETTERS TO THE EDITOR

A part of the U of A

I would first like to thank the Alumni Affairs Office for the publication of the *New Trail*. I have looked forward to each issue over the years to learn about other graduates and of happenings on campus. Thank you for bringing a part of the U of A to me with every issue.

David Leminski, '81 BA,
'84 BEd, '00 MEd
Vancouver, B.C.

Missing from the pages

I would like to commend you on the quality of the articles in *New Trail*. They are informative and interesting, and give me a strong sense of what is happening at the University. It is good to have my connection with the University maintained through receiving the magazine.

At the same time I would like to point out the general invisibility of our University's Aboriginal people within the pages of *New Trail*. It is comparable to the general invisibility of First Nations people within much of our Canadian political and social discourse.

We now have many aboriginal students, graduate students, and graduates at the U of A. I would like to see regular articles featuring our First Nations people. One suggestion is an article on the work of the Cree Nation professors, Dr. Stan Wilson and Dr. Peggy Wilson from the Faculty of Education.

Marilyn Bright, '55 BA,
'99 MEd
Edson, Alberta

Editor's Note: We appreciate the suggestion. As it turns out, we feature two First Nations individuals in this issue.

Planes, weight, and mass

I have two comments on items in your winter edition. On page 5 Mr. Bustin, correctly points out that the Wellington, with her geodetic construction one of the strongest, most reliable warplanes ever made, was in continuous production dur-

ing WWII. There was also one other: the ungainly, improbable, open-cockpit, wire-braced biplane torpedo-bomber, the Fairey Swordfish. She was affectionately known as "The Stringbag." It was said of her that if one released a pigeon from the front pit and it escaped there was a wire missing somewhere. Pilots, they said, landed her by the tones of those wires; if she began singing "Nearer, my God, to Thee," you were flying too slowly and risked stalling and crashing. She was a much underrated airplane. A squadron of Stringbags sank about half of the Italian fleet by surface-skimming at night into Taranto harbor under-

neath the Italian radar.

On page 7 we have the specs of the Solarcar and we are told her mass is 400 kg. If that 400 kg was registered on a terrestrial scale, it was weight, not mass. Dr. J.W. Campbell, head of mathematics at U of A when I was an undergraduate, always emphasized the difference. He explains this carefully on page 61 of his text *An Introduction to Mechanics*, (Toronto: Isaac Pitman & Sons, 1947). It was our text in Math 22 and, tattered and dog-eared, has served me faithfully for the 54 years since as a reliable reference. I can today hear Prof. Campbell's chalk squeaking as he intones, "The weight 'W' of this article slid-

ing down the inclined plane is 1 lbw, and so the mass is W/g" It is decades since some misguided souls decided that children should be taught to call weight "mass."

Frank Gue, '51 BSc(Eng)
Burlington, Ontario

We would like to hear your comments about the magazine. Send us your letters via mail or e-mail message to the address on page 4. The letters maybe be edited for length or clarity.

National spotlight finds life-long teacher

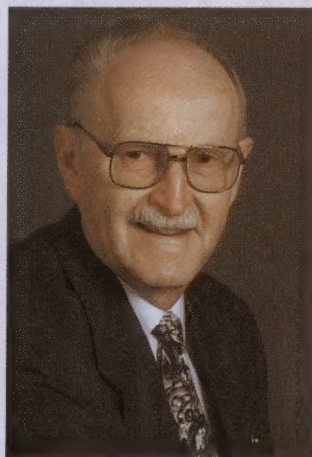
It's often said a teacher can never know the true extent of his or her influence. Last week in Toronto, however, John Paterson, '55 Dip(Ed), '56 BEd, '57 BA, soaked in the recognition of a national honour for his life-long commitment to the profession.

Paterson, associate dean (external relations) for the Faculty of Education at the University of Alberta, was one of five recipients of this year's Ontario Institute for Studies in Education (OISE) Distinguished Educator Awards.

"I've been teaching for a few years now, and I wouldn't say I have a particular teaching style, but I think there are a few principles teachers should stick to," said Paterson, who started his career as the principal of a two-room school in

southern Alberta in 1953 and joined the University's Faculty of Education in 1968.

"You've got to know something before you can teach it; you need to care about your students and take an interest in what they're doing; and you need to have a sense of humour—it's an important job but not a serious one," he said.



Paterson's OISE award comes only two years after U of A mathematical sciences professor Andy Liu, '72 MSc, '76 PhD, received the same award. OISE's executive director of development Shirlene Coutis, who served on the award selection committee, said Paterson was an outstanding nominee who won the award for his "exemplary teaching skills and for taking a leadership role in his field throughout his career."

"I've won a number of awards over the years," Paterson said. "But this is the first national award. I was very pleased to be nominated by the Faculty of Education and the Alberta Teachers' Association, and I'm honoured to be recognized in this way."

-Ryan Smith



bear country

Joel Kroeker

singer, songwriter, multi-instrumentalist
... and soon-to be U of A alumnus



Get ready—Joel Kroeker is hitting the music scene at a rockin' speed—jazz and folk, too. In 1999 multi-talented Kroeker won the Brass Monkey Edmonton Singer/Songwriter Competition, an ARIA award for best film score of the year for *Tokyo Gardens*, and the Alberta Recording Industry Association's award for best new recording artist. Topping that off, last year he was nominated for outstanding songwriter of the year at the Prairie Awards, which honour musicians and industry professionals from Alberta, Saskatchewan, and Manitoba. His competition included big-name artists Jann Arden, Ian Tyson, and Chantal Kreviazuk.

Not bad for a guy who, at the same time that he was penning songs, was also busy writing his master's thesis

in ethnomusicology at the U of A. Kroeker didn't end up taking the Prairie Award home, but says, "When Jann Arden won, I was like, 'I've just lost an award to Jann Arden.' It was my first real exposure to what's possible."

With his recent accomplishments in both music and school (in December he successfully defended his thesis, a cultural study of Western Canadian singers), Kroeker is ready to, as he puts it, "go full out with the music." A graduate in composition and guitar performance from the U of Manitoba, Kroeker recently signed a publishing contract with Bryce Moor Music. Besides writing songs, he will also continue to tour with his band, The Joel Kroeker Collective, and promote his CD, *Naive Bohemian*.



MBA students improve their Stats

This January MBA students from the University of Alberta School of Business scored a coup. They beat out 14 rival teams to win the MBA Games National Championships—a feat never before accomplished by a university west of Ontario. Started in 1989 at Queen's University, the MBA Games see teams from business schools across Canada compete in academics, athletics, and problem solving. The U of A win this year earns the Business School the right to host next year's championship.

Busy Beading

—the final stitch

On 21 April 1999, to support the Alumni Association's renewal of Alumni House, retired elementary schoolteacher **Helen Tkachenko**, '65 BEd, wrote a cheque for \$5,000. Although she had made other donations towards the renewal project, she had specific plans for this money. She wanted to see a University of Alberta crest in Native beadwork displayed in the house.

Edna Paul and Maxine Hildebrand, a mother-and-daughter team, were selected to undertake this intricate project. It took more than a year for them to find the appropriate beads, including some so tiny that a magnifying glass was used to thread the needle that was needed to stitch them to the buckskin backing. They found many of the beads in the United States; a few had to be specially obtained from collectors as they are no longer manufactured. Although time-consuming, the bead gathering is critical, says Hildebrand. "It's like painting: it's an art to be able to pick the right beads to make it look realistic." As an example, Hildebrand explains that she found special, tiny—size 22—clear beads to give the owl's wing a more fluffy look. Once the beads were assembled, it took about 10 months of laborious stitching to complete the detailed beadwork. (The green leaves located at the bottom of the crest took two weeks to complete, and each leaf needed more than 30 beads.)

Unfortunately, Tkachenko passed away just one week before the crest was finished and never saw the piece, which will be displayed in the front entrance of Alumni House.

The beadwork crest was a dream of Tkachenko's, recalls Bev Findlay, administrative assistant at the School

of Native Studies. She says Tkachenko was a strong supporter of the School and would often drop by, at least once a month, with a plateful of goodies for everyone.

With Tkachenko's passing the University lost a good friend. "She made a huge difference to the U of A," says **Susan Peirce**, '70 BA, director of the Office of Alumni Affairs, who uses the term "big hearted" to describe Tkachenko. "She was a person who lived frugally and simply, but she



gave everything she had to projects that she was passionate about."

Throughout the '80s and '90s, Tkachenko established the Adrian Hope Prize in Cree Culture, the Helen Tkachenko Prize in Russian Language, the Vega Prizes for Astronomy, and the Vega Graduate Scholarship. She also contributed to various other initiatives in the Faculty of Arts and Sciences as well as to the Library and the Departments of Educational Policy Studies and Pediatrics.

Samples of Extraterrestrial material

The University's Department of Earth and Atmospheric Science has the second largest meteorite collection in Canada, second only to the one at the Geological Survey of Canada in Ottawa. From very humble beginnings—for 45 years there was only one piece, a sample from Brenham, Kansas, that was bought in 1915 for 75 cents—the collection has grown to its current size of more than 1,000 specimens.

The windfall—or skyfall—came in 1960 when a huge meteorite came crashing down and landed on farmers' fields near Bruderheim, Alberta. **Robert Folinsbee**, '38 BSc, '89 DSc (Honorary), a former chair of the geology department, was instrumental in collecting samples from this meteorite, as well as others, including pieces from a fall near Peace River, Alberta, and another in Mexico.

Folinsbee's pack-rat ability to collect or buy as many pieces as he could, combined with his lets-make-a-deal bartering skills, jump-started the collection. For example Folinsbee traded a piece of the Bruderheim meteorite for a piece of one that fell near Vladivostok, Russia.

Pat Cavell, '78 Cert(Sc), '86 PhD, collections coordinator for the earth and atmospheric sciences department, describes meteorites as "free samples of extraterrestrial material." She says they are extremely valuable for the information they reveal about the earth's origins and the conditions that existed when the solar system was formed. Although not on display to the public because of security concerns, the University's meteorite collection can be seen via the Web at <http://129.128.116.48/meteorites/>.



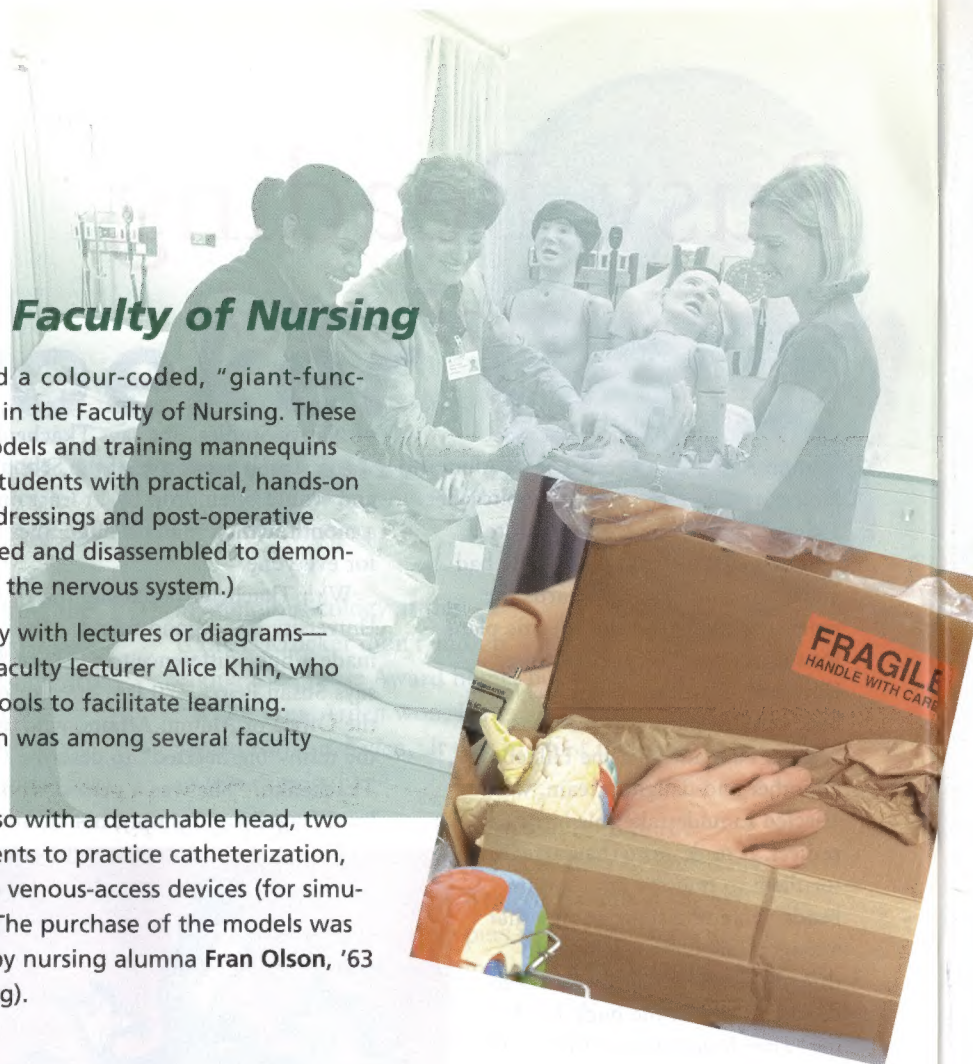
bear country

Getting practical in the Faculty of Nursing

A ready-to-bandage "Surgical Sally" and a colour-coded, "giant-functioning brain" are the newest resources in the Faculty of Nursing. These are two of several health care educational models and training mannequins recently purchased by the faculty to provide students with practical, hands-on experience. (Sally lets students apply surgical dressings and post-operative bandages, while the big brain can be assembled and disassembled to demonstrate the relationship between the brain and the nervous system.)

"It is hard for students to understand anatomy with lectures or diagrams—anatomy is three dimensional," says nursing faculty lecturer Alice Khin, who sees great value in using models as teaching tools to facilitate learning. Formerly a physician in her native Burma, Khin was among several faculty members involved in choosing the models.

Other models purchased include a human torso with a detachable head, two advanced nursing-skills mannequins (for students to practice catheterization, intravenous starts, and other things), and two venous-access devices (for simulating intravenous starts and venipunctures). The purchase of the models was the result of a donation made to the faculty by nursing alumna **Fran Olson**, '63 Dip(Nu) and her husband **Al Olson**, '63 BSc(Eng).



Colours of Campus



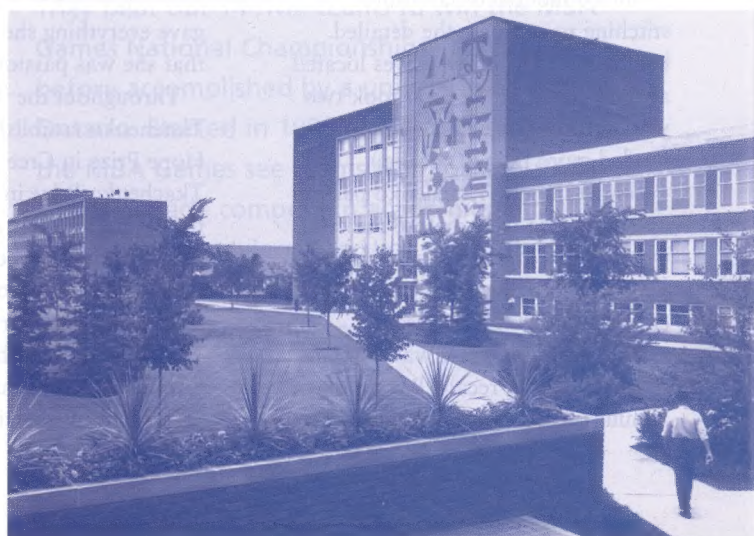
One of the photographs in the University's 2001 "Colours of Campus" wall calendar, which has been widely distributed to alumni, features the mural created for the Civil-Electrical Engineering Building (as it is now known) by

Norman Yates in 1966. (Yates, a professor emeritus of art and design who now lives in Victoria, also created the colourful mural on the north face of the Education Centre.)

Alumni who were on campus in the early 1960s may recall that Professor Yates' mural was not the original decoration on the face of the long-awaited Engineering Building when it was completed in 1961. The original mural (right) was made up of tiny tiles, no more than two or three centimetres square. Unfortunately, the tiles didn't adhere to

the building face as well as had been expected, and soon there was a continuous sprinkling of colourful tiles falling to the ground below. After a few years of trying to deal with the problem, the University officials decided the original mural couldn't be saved, and Professor Yates was commissioned to design a replacement.

Copies of the 2001 "Colours of Campus" wall calendar can be ordered at www.ualberta.ca/alumni/calendar; there is no charge other than a \$5 shipping and handling fee.



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Roderick D. Fraser
President, University of Alberta

Catalogue Craze

20,000 Catalogues under the C

It's hard to picture where one would put 20,000 catalogues, but when there's a will there's a way—in this case 22 bays of roughly 154 shelves—to hold them. The fifth floor of the University's Cameron Library is now crowded with art exhibit catalogues, and Merrill Distad, associate director of the U of A Libraries, couldn't be more pleased.

The catalogues were acquired when Worldwide Books, a New York publisher that specializes in art exhibit catalogues, wanted to free up space in its warehouse. A dealer from Ontario bought the catalogues. After selling some to the National Gallery in Ottawa, he sent 20,000 to the U of A on approval.

Once he had opened the boxes and perused the catalogues Distad quickly decided to bargain for the whole lot. The catalogues had originally been offered to the University for \$6.50 each—based on a minimum order. However, Distad was eventually able to acquire them for less than \$3 a piece.

In addition to the more traditional arts such as painting, sculpture, and architecture, the catalogues, published in many different languages, cover a multitude of creative subjects—including things such as Japanese robots, painted saws, and a Campbell

Soup Company's museum collection of soup tureens. The research value of the collection is "limited only by people's imagination," says Distad.

Joan Greer, a professor who specializes in the history of art, design, and visual culture, agrees. She is excited about the collection, which includes several hard-to-come-by Dutch language catalogues, relevant to her work. "Some of the most important information for our research, whether it is in art history, industrial design, visual design, or printmaking, can be only be found in exhibition catalogues," says Greer, who points out that the interest in the catalogues goes "well beyond my department."

Although the collection is currently sitting on bookshelves that line several walls on the top floor of Cameron Library, once catalogued and bar coded, much of the material will be moved to the University's Book and Record Depository, which is located in east Edmonton. A few hundred selected catalogues will be placed on campus in Rutherford Library.



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ASK THE PRESIDENT



Roderick D. Fraser
President, University of Alberta

Q: What are "nanotechnologies," and how is the University of Alberta preparing for their arrival?

A: Nanotechnologies are used in the development of tiny systems using components with dimensions as small as 1 billionth of a metre (1/10,000 of the cross-section of a hair). Research in this area has the potential to transform virtually all of our key industries over the next 10 to 20 years.

Many people are calling these "microsystems" the third wave of technology, predicting an impact as great as the information technology wave and the biotechnology revolution.

We foresee applications of these technologies including minute drug delivery systems, tiny refineries that convert sunlight to chemical fuels, and new materials that are 10 times stronger and lighter than steel.

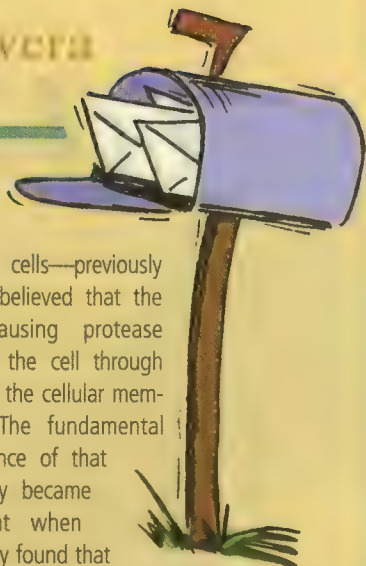
Innovation in this field is boundless, limited only by the imagination and the ability to bring together expertise from many disciplines, including chemistry, physics, biology, engineering, computer science, mathematics and medicine – a "panoscience" approach.

With our strengths in science, engineering and medicine, the University of Alberta is well positioned to lead in this emerging field. We are also fortunate that there is already some commercialization of this technology in the Edmonton area, including Dycor's electronic sniffing devices, Micralyne's tiny fluidic systems, and Westaim's nanostructured materials.

Our challenge is to develop further commercialization capabilities in microsystems to leverage the full potential of new products. And, like previous new technologies, there will be major impacts on the social, legal and moral fibre of our society; we need to be prepared to study this side of nanotechnology as well.



quaecumque vera



T-cell Letterbombs

Biochemist Chris Bleackley and his colleagues at the U of A have been credited with a momentous discovery, one that opens up new lines of attack against many cancers—including breast cancer and melanomas—and some autoimmune diseases, such as diabetes. Their landmark discovery, the solution to one of the biggest mysteries in oncology, was published in the journal *Cell* in late October and is creating waves of excitement throughout medical science.

Cancer researchers had always been baffled by the ability of some tumours to sidestep the deadly killer cells of the immune system: even though the tumours provoke an immune system response, they do not succumb to it. Bleackley, one of the world's leading experts on how the immune system's killer cells work, has now uncovered the tumours' survival mechanism.

Some years ago Bleackley's research team discovered the granzyme genes and demonstrated granzyme B's role in triggering cell death. Granzyme B is a protease (an enzyme capable of altering proteins) and can be thought of as akin to a letter bomb—when the immune system delivers it to a target cell, it passes through the cell wall and causes death by apoptosis (programmed cellular suicide).

Bleackley's latest research has shown that there is a specific receptor for granzyme B on the sur-

face of cells—previously it was believed that the death-causing protease entered the cell through holes in the cellular membrane. The fundamental importance of that discovery became apparent when Bleackley found that others (although they had not recognized the receptors' true purpose) had shown that some tumour cells have the ability to turn off the gene responsible for creating the granzyme B receptors.

"It's as if tumours don't have mail boxes," says Bleackley. "As a consequence, the killer T-cells have no place to deliver their letter bombs."

The discovery has exciting implications for cancer research. "We've opened up new targets for drug therapies," says Bleackley, who points out that therapies could be based on coaxing the tumour cells to start expressing the receptor—or something like it—through which the immune system could deliver its deadly packages. Conversely, finding a way to shut down the receptors could prove to be a viable method of tackling autoimmune diseases or transplant rejection.

FIGHTING CROHN'S

Researchers at the University of Alberta are testing a bacterial "cocktail" that has shown promise as a treatment for Crohn's disease, a chronic condition characterized by persistent, but fluctuating, inflammation of the gut.

"This is a whole new approach to treatment that promises to keep Crohn's patients in remission and off of the steroids, anti-inflammatory, and other powerful drugs now needed to treat the disease," says Karen Madsen, an assistant professor of medicine who is directing the study along with professor of medicine **Richard Fedoruk**, '76 BMed, '78 MD.

While Crohn's disease strikes people genetically predisposed to developing it, it must be triggered by an environmental factor, says Madsen. "We've long speculated that bacteria is the trigger."

Madsen and her colleagues have shown that mice with a genetic predisposition towards the disease can be protected from it if given "good" bacteria that prevents the disease-triggering bacteria from flourishing. However, using bacteria to defeat the disease once it has developed has proven more difficult.

The bacterial cocktail the U of A researchers are now testing as part of a world-wide series of clinical trials was developed by an Italian research team and consists of eight different bacteria strains. Ingested orally, the bacterial paste coats the small and large intestine, protecting them from the undesirable bacteria and sealing the tiny holes caused by chronic inflammation.

T-cell Activation

A U of A research team has provided the missing link in understanding how the body mounts an immune system attack.

The important role that a protein known as RasGRP (pronounced Ras-grip) plays in the immune system response was detailed recently in the journal *Nature Immunology* by a U of A research team that includes Nancy Dower (pediatrics), Jim Stone (biochemistry,) and Hanna Ostergaard and **Peter Dickie**, '78 MSc, '87 PhD, (medical microbiology and immunology). Their discovery could possibly help in the fight against a host of infections, various autoimmune diseases, and some cancers. It could also help prevent rejection of transplanted organs.

Scientists have long known that a protein called Ras is critical to the immune system response, acting as a molecular switch. When T-cells, the sentinels of the body's defence system, bump into something they identify as an invader, the Ras switch is activated, leading to creation of cells capable of attacking the invader. Until the U of A breakthrough, what had remained a mystery was the mechanism responsible for Ras activation.

By developing a strain of mouse that lacks RasGRP (which they had earlier discovered and named) the U of A researchers were able to provide the missing puzzle piece—showing clearly RasGRP's role in triggering the Ras switch. Without RasGRP, the mice produced plenty of immature T-cells but not the mature T-cells capable of mounting an immune system attack.

Women in the Boardroom

A study conducted by a University of Alberta sociologist concludes that women won't achieve parity with men in the boardroom until 2080. **Karen Hughes**, '80 BA, '88 MA, an assistant professor of women's studies, says the projection is based on trends over the last two decades and that one of the key barriers to women's advancement has been the influence of "informal, personal networks and contacts" on the recruitment of directors. Hughes says that it is in the best interest of corporations to bring more women to the boardroom table and that mentoring and training for potential board members—women or men—hasn't been given enough attention.

Squirrel Overpopulation

In 1996 Tim Karels, then a PhD student at the University of Toronto, took advantage of the termination of an ambitious study of animal population cycles to gain key insights into how some animals are able to control their own population densities.

Karels' study, done with Rudy Boonstra of the University of Toronto, followed on the heels of the Kluane project, which had been launched in 1986 to provide information about the population cycle of the arctic hare. For the Kluane project, a kilometre-square expanse of Yukon forest was encircled by an electric fence to keep out predators. In a similar area, an unlimited supply of food (domestic "rabbit chow") was made available. In yet another analogous area, predators were eliminated and abundant food provided.

Naturally, the conditions affected animals other than hares. For his master's thesis, Karels showed that protection from predators caused the arctic ground squirrel population to double, while abundant food led to an eight-fold

population increase. Where predator elimination was combined with unlimited food, there was an astonishing 19-fold population rise.

When the Kluane project ended, Karels, now a postdoctoral fellow in biological sciences at the U of A, and Boonstra studied the effects of the return to "normal" conditions and were able to show strong evidence for density-dependent factors in population control.

They found that in high density squirrel populations reproduction rates fell drastically. In the area where there had been a 19-fold population increase, the females became pregnant as usual, but the pregnancies didn't progress to term, and no litters were delivered in the spring.

Over-winter survival also proved to be directly related to population density. "The greater the density, the fewer squirrels survived," says Karels. During the winter of 1997, no less than 93 per cent of the highest density population group perished—even though



they had appeared fat and healthy when hibernation began.

The problem, explains Karels, was the quality of the squirrels' body fat. "Only a limited number of plants provide the essential fatty acids needed to ensure a low melting point for the squirrels' fat when they are hibernating," he says. The severe competition for these plants prevented individual squirrels from getting enough of the right food, and during hibernation they expended too much energy converting their fat stores—they simply ran out of fuel before spring.

WOMEN ENTREPRENEURS

In the past three years, Tara Fenwick, a professor of educational policy studies at the University of Alberta, has been talking to women entrepreneurs across the breadth of Canada. And based on what she's heard, she's challenging some conventional notions about the sort of help that should be provided to Canadian women starting their own businesses.

For a study aimed at understanding the process of women's professional learning and development, Fenwick and her research partner, Susan Hutton of the University of Calgary, interviewed 112 women running small and medium-sized businesses in a wide range of sectors. All had left organizational jobs to start their businesses, setting themselves a formidable learning challenge.

Fenwick and Hutton found that many

women entrepreneurs are self-educated. According to Fenwick, "These women are incredibly creative and like the challenge of experimenting, inventing solutions for themselves. They don't necessarily believe there is a 'right way' to do business." For a large proportion of the women in the study, financial planning and growth were not their primary concerns, and they had little interest in expanding their enterprises along traditional lines. They were more interested in flexibility, personal fulfillment, creative control, and autonomy.

What was Fenwick to question was the wisdom of the conventional advice to women entrepreneurs to seek out mentors, to join business associations, and to follow a business plan. In fact,

many [women entrepreneurs] are creating their own models of business—flexible, adaptable, and work for them to meet their own personal goals," says Fenwick.

What they need more than prescriptive educational programs, Fenwick suggests, are opportunities to connect with like-minded women. Flexible mentorship, active participation in support organizations, and "just-in-time" advice are needed.

And always, with the proper support, encouragement, and resources, women entrepreneurs are doing well beyond the conventional expectations of business. "These women are leading the way in creating business with meaningful work and learning. They are inspiring."

Campus Recreation:

Mixing fun and fitness

It's another success story to add to the University of Alberta's list of credits. It's Campus Recreation, which annually offers 520 programs to more than 25,000 registrants from the University community.

Campus Recreation is an umbrella term used to describe all the recreational programs offered through the University's Faculty of Physical Education and Recreation. Activities are classified into three groups: intramural sports, fitness and lifestyle, and instruction. Intramural activities are organized competitions, such as volleyball or badminton, staged to accommodate a wide variety of skill levels. Fitness and lifestyle activities include aerobics, aquasize, and traditional-style fitness classes such as running. Instruction classes teach how-to skills to participants.

"We try to be all things to all people,"

says **Hugh Hoyles**, '66 BPE, the upbeat, always-on-the-go associate director of Athletics and Recreation, who oversees Campus Recreation. Programs are continually being updated. "People today are less into bench-stepping types of things and more into relaxing exercise to reduce stress levels," says Hoyles, who keeps a close eye on workout trends. This explains the increase in yoga and Tai Chi classes along with the recent introduction of classes in Raks Beledi (a.k.a. belly dancing) and Salsa dancing, which Hoyles says, "is hot right now."

Worried about dropping in solo? Not a problem, says Hoyles, who is proud of Campus Recreation's free-agent program that encourages team-less individuals to register for intramural activities. Staff can then help assign individuals to a team in the activity of their choice.

"And it isn't all recreational sports," says Hoyles, pointing out bike repair and first aid courses that are listed in Campus Recreation's 75-page activity guide.

Carol Hills (Kassian), '90 BA (RecAdmin), '93 MA, '00 PhD, first got involved with Campus Recreation when she was a student. She started as a participant, and then became a fitness instructor. Eventually she joined the staff, and today she directs the fitness and lifestyle programs.

Hills credits the success of Campus Recreation to the University community, which she says is "a really active population." She also credits the quality of the instructors, the equipment, and the facilities. (Facilities include a variety of gymnasiums, courts, pools, and specialized activity and workout areas.)

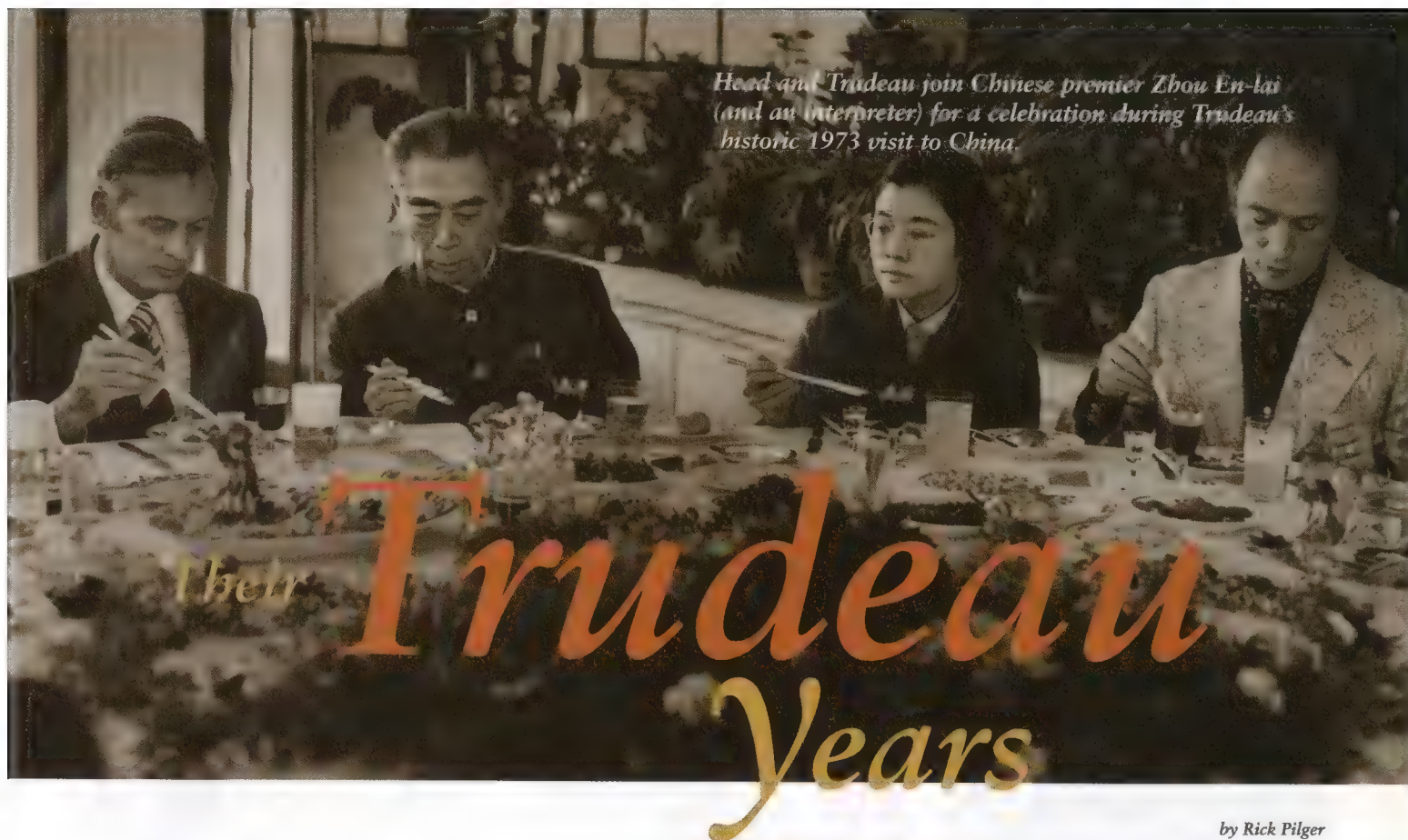
For Hills, Campus Recreation is more than just exercise. "It's a very social, a very positive meeting place for all age groups on campus," she says. Hoyles agrees. "We really believe in the philosophy of integration—students and staff participating together. It breaks down a heck of a lot of barriers."

Campus Recreation also includes special events such as the University's annual Turkey Trot. (This is a fun walk or run that is currently used to kick off the United Way Campaign.) Plus it also includes drop-in times when designated areas are open for individuals to enjoy unstructured physical activities such as shooting baskets.

There is, however, a downside to all this success. Currently there isn't enough facility space to keep up with demand. "A nice problem to have," Hoyles points out, but one he is working to change. ■



Lotus



by Rick Pilger

Loved by many Canadians, scorned by many others, Pierre Trudeau, who died on 28 September 2000, was a passionate man who inspired passion in others. His 15 years in office as prime minister changed the way that the world looked at Canada, and the way Canadians saw themselves. Among those who experienced the Trudeau years from inside the Prime Minister's Office are some prominent University of Alberta graduates who recently shared their memories of the time they spent at the centre of Canada's government.

On 13 May 1968 amid the pomp and circumstance marking its 60th anniversary, the University of Alberta conferred a Doctor of Laws degree, *honoris causa*, on the man who only weeks earlier had become the 15th prime minister of Canada. It was the first of many honorary degrees that Pierre Trudeau would accept (he turned down many more). And when Trudeau delivered his address to convocation it was his first public address as prime minister.

Trudeau had been justice minister when he was first invited to accept an honorary degree from the University and the invitation was taken to him by a young U of A law professor, **Ivan Head**, '51 BA, '52 LLB, '87 LLD (Honorary) who had recently begun working with Trudeau.

IVAN HEAD

Foreign Affairs Advisor, 1968-78

Ivan Head chuckles when he recalls the phone call that changed the course of his life. "It was toward the end of the term in 1967. The law faculty was locked up with the dean going through the final

marks exercise," recalls Head. The dean, the late Wilbur Bowker, had left firm instructions that under no circumstances were he and his faculty members to be disturbed; however, there came a knock at the door. There was an important call, said the secretary. For Professor Head.

Head recalls that the dean's face clouded: it had better be a real emergency. However, once it became clear that the phone call was from the federal minister of justice, the clouds dissipated. "In those days," explains Head, "a great deal of deference—and properly so—was shown to ministers of justice."

Earlier that spring Pierre Trudeau had been quite unexpectedly—and, says Head, to the "immense excitement of many"—appointed as minister of justice by Lester Pearson.

It was Trudeau on the phone. He desired to talk to Head in person. Could Head come down to Ottawa. "When?" inquired Head. "How about tomorrow?" suggested Trudeau.

When Head went to Ottawa to see Trudeau—he no longer remembers if it

was "tomorrow" or the next day—and talked "non-stop" with him from about 0:00 in the morning until 4:00 in the afternoon, except for a brief break during which Trudeau attended Question Period. Trudeau wanted Head, who had been recommended for the job by External Affairs, for whom Head had previously worked, to serve as an associate counsel on the constitution.

The timing was far from perfect for Head, who was immersed in a program of research related to a major Ford Foundation grant, but he agreed to accept the position for a one-year term beginning in September 1967.

As it turned out, Head would spend a decade working closely with Trudeau. His one-year leave would be extended to five years before he resigned from the law faculty in 1972. At that point, explains Head, Trudeau's government was in a minority position. "I thought that at this stage you showed your mettle. And at the most precarious moment of the government to that point, I thought I would throw away the safety net."

Head chose to set aside his academic pursuits to work with Trudeau because of the impression the latter made on him at their original meeting in Ottawa. "He was one tough cookie," says Head. "I recall saying to my wife when I came back from Ottawa that I had met the person that I would follow for the rest of my life. He set such high standards, was so demanding—but invigorating intellectually, likeable in a personal sense. I couldn't imagine anything in my life that could be nearly so rewarding, so fulfilling, as working for him. And I never had reason to change my mind on that."

While Head had fully intended to return to the University after a year, his intentions were stood on end when Lester Pearson unexpectedly stepped down as leader of the Liberal Party, and Trudeau was being touted as a successor. Head recalls walking with Trudeau late one night in "one of those mythical Ottawa snowstorms." It was in 1968, following a constitutional conference with which they were both well satisfied. Trudeau brought up the possibility of running for the leadership. "I am very reluctant about that. What do you think?" Head recalls the justice minister asking.

"I with great enthusiasm said, 'You're the fellow for it,'" recalls Head, who admits thinking that it would be nice to go back to Alberta and be able to say that he was friends with the prime minister. Trudeau replied with a story. He had had, he told Head, a nightmare. "Immediately I was on guard," says Head. In this nightmare, said Trudeau, he had been successful in the leadership race, had become prime minister, but on his first day in office, he had looked around and found all of his advisors were elsewhere, "back teaching law, for

example, at the University of Alberta."

"I thought, Oh my God," remembers Head. "It was like an icicle through my heart ... I had no alternative but to say 'If you are successful, you have got my commitment, and if you want me to stay, I'm here.'"

When Trudeau entered office as prime minister, Head began as his legislative counsel, keeping him abreast of the legislative program, the progress of bills, activities in the House of Commons, and preparing him for Question Period. However, his involvement soon migrated to foreign policy issues. "I was the guy with the international law background and foreign affairs experience," says Head.

As Trudeau's special assistant with responsibility for foreign policy and international relations, Head was a member of the Canadian delegation to five Commonwealth Heads of Government meetings, served as Trudeau's special emissary in consultations with numerous heads of state, and was the senior advisor on a dozen or so official visits, including Trudeau's historic 1973 visit to the People's Republic of China.

He remembers Trudeau as a man of great courage who showed "extraordinary firmness" in representing Canada's interest and views to the rest of the world: "There was no hesitation about his representing Canada fully ... but it was with the height of courtesy that he did this. It was a delight to sit at his side and watch this kind of exchange, sometimes over very important issues."

Head also remembers the former prime minister as someone who dealt "gently and interestedly" with ordinary people, be they Native Canadians or children on the streets in China. "He was very genuine, and others sensed that."

PETER ROBERTS

Press Secretary, 1970-73

Peter Roberts, '48 BEd, '51 MBA, has no trouble remembering his first day on the job in the Prime Minister's Office.

Roberts had just hours before stepped off the plane from Belgium, where he had been serving as part of Canada's delegation to NATO. A seasoned diplomat who had been out of the country for "many, many years," he realized he had some catching up to do in his new position as Pierre Trudeau's press secretary.

He would get a baptism of fire. "My boss, who was the principal secretary, Marc Lalonde, phoned me on the very first day I was at work in the office," says Roberts, "and he said 'Look, there's been a crisis in Montreal, and they've kidnapped a couple of people, including James Cross and Pierre Laporte. The police are coming over right now to the East Block to talk to us. I can't be there, so would you stand in for me?'"

Of course, at that point nobody knew how the "October Crisis," as it became known, would unfold, but the severity of the situation was evident from the beginning. Roberts recalls meeting that first day with the RCMP, personnel from the Department of External Affairs (as it was then known), and others. "I'd been a diplomat for long enough to know that you don't shoot from the hip in situations like that. So I said to everybody around the table ... 'I'll report what I hear, and I'll send you an account on what I report, but I'm not going to tell you what to do.'"

Roberts was originally recruited to be an assistant press secretary for Trudeau with the understanding that he would be moved up to press secretary depending on his performance. However, the press secretary at the time, Romeo Leblanc, was forced to resign because of illness, so Roberts received an almost immediate promotion.

Roberts first met Trudeau when he (Roberts) was invited back to Canada, as he puts it, "to be inspected" to see if he was suitable for the press secretary job. Roberts recalls being smartly turned out in a shirt and tie for the meeting outside Trudeau's office, while Trudeau turned up in "sandals and a pair of sailor's slacks."

Marc Lalonde, not Trudeau, was Robert's immediate boss during his tenure as the prime minister's press secretary, but Roberts met with Trudeau every

Born in Calgary, **Ivan Head** practiced law in that city briefly before earning a master's degree and joining Canada's foreign service in 1960. He returned to Alberta to teach law at the U of A in 1963.

After spending 10 years in Ottawa, he left his position as special advisor to the prime minister in 1978 and shortly after became president of Canada's International Development Research Centre. He returned to academic life in 1991, becoming a professor of law and political science at the University of British Columbia, where he founded the Liu Centre for the Study of Global Issues. Although now retired from UBC, Head remains as the Liu Centre's senior fellow.

Head's contributions to international development include serving as a member of the Independent Commission on International Humanitarianism, and he is a trustee of the International Food Policy Research Institute. He has been awarded nine honorary degrees, including one from Beijing Forestry Institute and another from the University of the West Indies, where he co-chaired a chancellor's commission on university governance.

Head is the author of a number of books and monographs, including *The Canadian Way: Shaping Canada's Foreign Policy 1968-84* (Toronto: McLelland & Stewart, 1995), which he co-wrote with Pierre Trudeau. He makes his home in West Vancouver.

day, one of a group of four who met every morning at 9:00 a.m. For those meetings, Trudeau and Roberts were joined by Lalonde, who, as principal secretary, attended the meeting to discuss matters of high policy, and by the clerk of the Privy Council, who was present to discuss public service matters.

"My job was to tell [Trudeau] what horrors he was going to face in the day from the press," recalls Roberts. "I tried to do that as best I could."

Roberts remembers his three years in the Prime Minister's Office fondly, although the work was far from easy. "It was a fairly dangerous relationship between [Trudeau] and the press," says Roberts. As press secretary he was forced to draw on his skills as a diplomat, shuffling between the prime minister and reporters, spreading oil on troubled waters. Trudeau didn't always like the media reporters, and they didn't always like him, recalls Roberts. "So it was a tricky business balancing the two. Sometimes he took a particular dislike to some newsman or the other, and then I'd have a hell of a time persuading him that he didn't need to dislike this guy, and that he was all right. Other times he took a particular liking to somebody."

(One of Trudeau's favourite journalists, according to Roberts, was the late Barbara Frum. "He liked being interviewed by her ... because she asked intelligent questions, and she got intelligent answers back from him.")

"Working for the prime minister was a fascinating business," says Roberts. "I had my nose glued to the grindstone the whole time I was there. I got two ulcers while I was working for him." Roberts recalls mentioning the ulcers to Trudeau and Trudeau responding on an intellectual level, asking what it was like to have an ulcer. Roberts' response: "Prime minister, it's hell. Don't ever get one."

Roberts found the prime minister to be a quick study—too quick for comfort. "That was a problem I discovered early on," he says, recalling briefing Trudeau at first. "If it was something he was interested in, then he knew in his own mind what he wanted to say, and what he wanted to do. But if it wasn't something he was especially interested in, then he would listen to what I told him, and he would repeat it word for word. It scared the wits out of me ... I made sure I knew what I was talking about."

Among Roberts' best memories of his tenure as press secretary in the Prime

The Rhodes Scholar for Alberta in 1951, **Peter Roberts** went on to earn degrees in English language and literature from Oxford University. After a brief stint as a lecturer in English, he entered Canada's foreign service. The highlights of his foreign services career include serving as Canada's ambassador to Romania (1979-83) and ambassador to the U.S.S.R. (1983-85).

In 1973, following three years in the Prime Minister's Office as press secretary, he was named Canada's assistant undersecretary of state (cultural affairs), a position he held until leaving for Romania in 1979. After returning from the Soviet Union in 1985, he was director of the Canada Council for four years. He has maintained a continuing interest in Russia and is the founding chairman and a continuing member of the board of the

Centre for Research on Canadian-Russian Relations at Carleton University.

Now retired, Roberts and his wife, Glenna, divide their time between their condominium in Ottawa and a country house in Gatineau Hills. He is the author of *Raising Eyebrows: An Undiplomatic Memoir* (Ottawa: Golden Dog Press, 2000) and of *George Kostakis: A Russian Life in Art* (Ottawa: Carleton University Press, 1994). He is currently at work on a book about Romanian dictator Nicolae Ceaucescu, as well as a story about Soviet immigrants to Canada, many who had become Canadian citizens, who were induced by the Soviet Government to return to the Soviet Union, often with their Canadian-born children and, with only a few exceptions, were never permitted to return to Canada.

Minister's Office are the trips abroad. Both Roberts and Trudeau had seen much of the world and were compatible traveling companions. "He was a good traveling companion in the sense that he was easy and comfortable and didn't get bad-tempered," says Roberts. "He enjoyed his foreign travel."

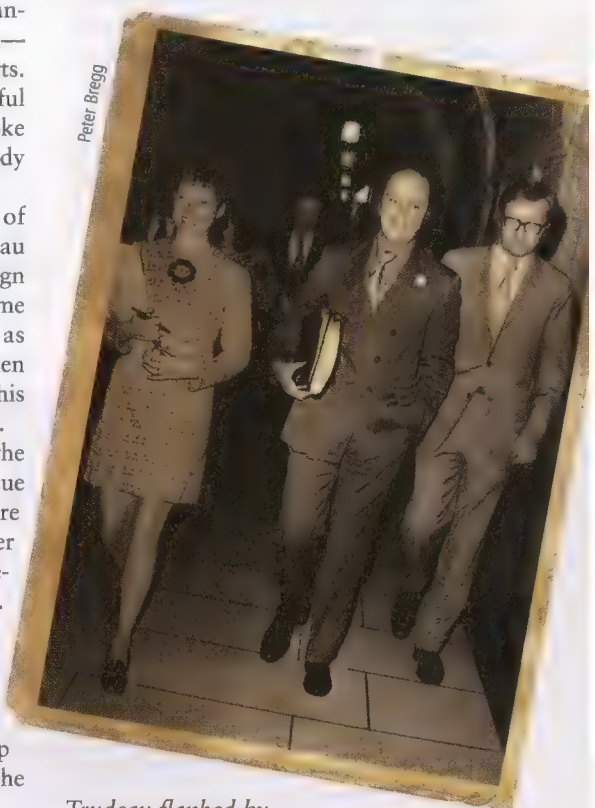
Roberts recalls a meeting Trudeau had with Fidel Castro after the two leaders had been scuba diving together—a passion both leaders shared. "Trudeau fancied that he spoke Spanish fairly well—but, in fact, he didn't," says Roberts. "Castro had an interpreter, a beautiful lady, with him, so he [Trudeau] spoke Spanish to Castro, and the beautiful lady interpreted the Spanish into Spanish."

Another of Roberts' memories of Trudeau involves a meeting with Trudeau after Roberts had returned to the foreign service and Trudeau was no longer prime minister. Roberts was serving as Canada's ambassador in Moscow when Trudeau was visiting Russia with his three boys, possibly for a state funeral.

Roberts recalls taking Trudeau and the boys to the Moscow River for a barbecue and a swim. At the time foreigners were allowed to swim on one side of the river only—information that Roberts carefully relayed to his companions. Trudeau got into his bathing trunks, jumped into the river, and immediately swam to the other side. Roberts remembers admonishing the former prime minister, saying, he could end up in jail. Trudeau's response: He said he could handle it, recalls Roberts.

Roberts remembers Trudeau as "such

an exuberant personality, such an extraordinary person." His last meeting with the former prime minister was when Trudeau was in Ottawa for the hanging of his official portrait in the House of Commons. Roberts recalls the occasion with a chuckle. "There was a Tory MP there from Alberta who said, 'You know, they asked me to come to the hanging of Trudeau. I couldn't wait to say "yes." Everyone had a laugh.'



Trudeau flanked by U of A grads Fairbairn and Roberts

JIM COUTTS

Principal Secretary, 1975-81

For Jim Coutts, '60 BA, '61 LLB, politics has always been mother's milk. The *Globe and Mail* once described the native of Nanton, Alberta as "always a strategic thinker and planner and forever a political junkie."

At the U of A Coutts was active in the Law Club, Students' Council, and the model parliament. When he graduated with his law degree he began articling with the law firm McLaws and Company in Calgary but soon took three months off to run (unsuccessfully) in the 1963 federal election. Not long after being admitted to the bar, he was again on the campaign trail, this time chairing the Liberal campaign in the 1963 Alberta election. (Making things interesting, the chairman for the Conservative campaign for that election was the McLaws partner with whom he had articulated.)

By the early 1970s, having worked in Ottawa and studied at Harvard, Jim Coutts understood party politics from the inside out—which is why Pierre Trudeau, then clinging to power at the head of a minority government, turned to Coutts for help.

"[Trudeau] was the first person in the world to tell you what he didn't know—he didn't worry about saying, 'This is something I don't know about,'" recalls Coutts. And what Trudeau didn't know much about, he told Coutts in 1973, was political parties—how they worked, where support came from, and how it all came together. "He knew a lot about government by that time, but he didn't know a lot about politics," says Coutts.

Coutts, who served as appointments secretary to Prime Minister Lester Pearson from 1963 until 1966, first

became acquainted with Trudeau after the latter's election to parliament in 1965. Trudeau was given the task of serving as Pearson's parliamentary assistant, and Coutts had occasion to chat with him when he came to Pearson's office.

"He struck me as incredibly bright and very casual," says Coutts. "He was not a very formal person—he wasn't sloppy, but he was informal. There wasn't a lot of ceremony around him."

Coutts traces his later working relationship with Trudeau to a conversation they had at a reception following Pearson's funeral in January 1973. The two began talking, and conversation soon turned to the minority government's precarious situation. Coutts remembers Trudeau saying that his government was "in a little bit of trouble." Coutts' response was "I don't think you are in a little bit of trouble—I think you are in a lot of trouble."

When Trudeau asked for advice as to what he should do, Coutts recalls telling him that he should ask for help. "I said, 'There are lots of people in the country—lots of people who are Liberals and lots who aren't—who admire you and would help you. But you have to ask.'" Many people, Coutts explained to Trudeau, believed him to be so strong and confident of his ability that they wouldn't offer their help unless he asked them.

Not long after that conversation, Trudeau invited Coutts to be part of a strategy group he was putting together in preparation for the next election. And when Trudeau's minority government fell in 1974, he asked Coutts to take charge of the overall campaign. Coutts declined, suggesting instead his friend Keith Davey. "I thought I was somewhat out of touch,

Coutts and Trudeau



because

I had been away six or seven years, and a lot of things had changed," explains Coutts. However he did agree to coordinate the national campaign component, "which meant travelling with [Trudeau], doing some writing for him, looking at itineraries of where we were going and what we were saying in the course of the campaign ..."

The campaign was successful and Trudeau's Liberals were returned to power with a majority government, at which time Coutts recalls Trudeau asking him, "What do you want to do? What do you want to be?" However, Coutts wasn't interested in a new position: "I said that I was already something, that I wanted to get on the bus and go back home."

For a year Coutts returned to his position with Canada Consulting, but then Trudeau called again. He was rearranging the workings of his office, he said. Would Coutts come and be his principal secretary? "I really didn't want to do that," says Coutts. "But I had given him the advice that he should ask people for help, so only a poor sport would say 'no' after giving him the advice that he should ask."

From 1975 until he resigned in 1981 to run in a federal by-election in Toronto, Coutts stayed with Trudeau, serving as

principal secretary to Trudeau. "I never was ever as close to Pierre Trudeau as I was with Jim Coutts. He was quite strategic, he had a structure to each move, the cabinet, the meetings, the public issues, the government, the meeting was quite predictable. I never recall a meeting unless, of course, says Coutts. "I we had the meeting."

Trudeau was disciplined," says Coutts. "I would write a letter—a would just clear the And when he finished. To the extent confined to regular home at about 5:00 times taking paper recall, in the six years that he called me in weekend more than the six years," says think that I called times."

While Coutts a might have had a re the prime minister show," he believes it is almost impossible reality was different myself as a switchboard a boss," he says. "communicating role the pieces together—a political pieces, be parliamentary pieces ..

Did he enjoy secretary in the Prime Minister's Office? "I always enjoy what I do. I've never a job on, and never being in it." ■

The valedictorian for the U of A's Class of '61, Jim Coutts practised law briefly before becoming the appointments secretary to Prime Minister Lester Pearson in 1963. He left that position in 1966 to pursue an MBA degree at Harvard University. He returned to Canada in 1968 as a consultant with McKinsey and Company. Two years later he started his own consulting firm, The Canada Consulting Group, where he was working when Pierre Trudeau asked him to become his principal secretary.

Trudeau's first principal secretary was Keith Davey, who had been his law clerk at the University of Alberta. Davey was a very capable and hardworking man, but he was not a political person. He was a lawyer and a very good one, but he was not a political person.

Trudeau's second principal secretary was Jim Coutts. Coutts was a very capable and hardworking man, but he was not a political person. He was a lawyer and a very good one, but he was not a political person. He was a lawyer and a very good one, but he was not a political person.

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principal secretary while Trudeau was prime minister. "I never knew anyone who was easier to work for than Pierre Trudeau," says Coutts.

According to Coutts, Trudeau liked the day to be quite structured. Part of that structure involved a meeting each morning involving Coutts, the cabinet secretary, and Trudeau. "We would each have a little notepad with handwritten notes, three items each, and he would go first ... Sometimes those meetings would go for an hour, but usually they went for half an hour," recalls Coutts. The items discussed, he says, could be public issues, issues internal to the government, or party issues, but the meetings themselves were invariable. "Those meetings, I don't ever recall missing one of them—unless, of course, he was travelling," says Coutts. "But if he was in town, we had the meeting."

Trudeau was "unbelievably disciplined," says Coutts. "If he wanted to write a letter—a substantive letter—he would just clear the decks and work at it. And when he finished with it, it was done." To the extent possible, work was confined to regular working hours. Coutts says that Trudeau usually went home at about 5:00 or 6:00 p.m., sometimes taking papers with him. "I don't recall, in the six years I was with him, that he called me in the evening or on the weekend more than half a dozen times in the six years," says Coutts. "And I don't think that I called him more than 10 times."

While Coutts acknowledges that he might have had a reputation for shielding the prime minister or of "running the show," he believes that such a perception is almost impossible to avoid and that the reality was different. "I more thought of myself as a switchboard operator than as a boss," he says. "I saw mine as a communicating role that plugged a lot of pieces together—administrative pieces, political pieces, bureaucratic pieces, parliamentary pieces ..."

Did he enjoy serving as the principal secretary in the Prime Minister's Office? "I always enjoy what I am doing," replies Coutts. "I've never been sorry I've taken a job on, and never mourned about not being in it." ■

In addition to the trio of Head, Coutts, and Roberts, there were two other University of Alberta alumni—both Arts graduates from 1960—who worked in the Prime Minister's Office during Trudeau's tenure. Senator Joyce Fairbairn, '60 BA, spent 14 years working with Trudeau and remained close friends with him until his death. Unfortunately she was out of the country part of the time and her schedule was such that she was unavailable for an interview when this feature was being prepared—it was not until shortly before *New Trail* went to press that she was available for comments. David Thompson, '60 BA, who now makes his home in Colorado, worked in Trudeau's office early on as a special assistant involved in an initiative to improve communication with the various regions of Canada.



Senator Fairbairn

JOYCE FAIRBAIRN

Legislative Advisor, 1970-84

"It was quite a ride," says Joyce Fairbairn recalling her time working with the late Pierre Trudeau. "It was a tremendous experience—one that you could never plan on."

The editor of the U of A's *Evergreen and Gold* yearbook, Fairbairn had her heart set on a career in journalism and set out for Ottawa after graduation. There she completed a postgraduate degree in journalism at Carleton University and then found a position with the *Ottawa Journal*—where she was introduced to the newspaper's readers as the paper's "first female newsman." She later worked for UPI in Ottawa, and was reporting for the parliamentary bureau of E.P. Publications when she first met Trudeau—one of the "three wise men from Quebec" elected to parliament in 1965.

When Trudeau reorganized his office in 1970, giving Ivan Head responsibility for foreign affairs matters and speechwriting, Fairbairn took over as the legislative advisor. She recalls that she was looking for a new challenge but having difficulty finding one in journalism, because of the limited opportunities for women. She went into the job in the Prime Minister's Office thinking it would be an interlude in her career. "I thought it would be interesting to do for a couple of years, and then I would get on with my life."

Instead, "he and I trudged along together for 14 years." As his legislative assistant, Fairbairn kept Trudeau abreast of the progress of bills and other matters in the House of Commons. She also prepared Trudeau for Question Period—and she didn't handle him with kid gloves. "She was as tough as he was," recalls Jim Coutts. "She

didn't hold back. It was entirely civil, but she was very blunt."

In November 1993 Senator Fairbairn was appointed to the Privy Council and was the first woman to be named leader of the government in the Senate. She served in that position, and as a minister with special responsibility for literacy, until 1997. She remains a tireless advocate for literacy in Canada.

David Thompson

Special Assistant, 1968-72

After graduating from the U of A and then earning an MBA at Western, David Thompson went to work for Joe Greene, then agriculture minister in Lester Pearson's cabinet. After helping out in the Liberal's 1968 campaign that brought Trudeau to power, he joined the Prime Minister's Office as a special assistant.

Thompson's responsibilities related to the regional desks that Trudeau set up to maintain closer contact with individuals and organizations throughout the country. His particular responsibility was the Western Canada desk. Thompson, who now lives in Denver, Colorado, says he enjoyed his time in the Prime Minister's Office "immensely," and describes it as a wonderful experience.

After the 1972 election he returned to Alberta and worked for 16 years with the Oxford Development Group. He is now the president of GWL Properties, the company that manages the Great West Life Insurance Company's real estate holdings in the U.S.

Thompson shared the same birthday (18 October) with Trudeau, and the two exchanged birthday greetings every year, and in 1989 Thompson accompanied Trudeau and a group of others on a holiday trek of Kashmir and Bhutan.

On track for the World's

The University is

"The entire University community is excited to be a part of the staging of the 2001 Championships and we are proud that we will be **'where the world meets'** this summer."

— Susan Green

It is not unusual for the University of Alberta to be a meeting place for people from around the world. Every year the University is a venue for activities—conferences, symposia, competitions, and so on—that bring together individuals from all parts of the globe.

However, never before has the University been part of a higher profile international gathering: the 2001 World Championships in Athletics, which the University will help host this summer, will bring to Edmonton more than 1,800 elite athletes, the best in the world, to compete in 46 track-and-field events.

The Edmonton competition—the 8th International Amateur Athletic Federation World Championships in Athletics, scheduled for 3 to 12 August—will be historic: the first time that the IAAF championships have been held in North America. In size and scope, the competition known as the World's is the third largest international sporting event, taking a backseat only to soccer's World Cup and the Summer Olympics. It is anticipated that the 2001 World's will bring more than 3,000 athletes, coaches, and officials from more than 200 countries to Edmonton. More than 2,500 media are expected to attend and provide coverage around the world—the international television viewing audience is anticipated to exceed four billion.

Dale Schulha, '72 BPE, '74 Dip(Ed), '74 MSc, who is on leave from his position in the University's Faculty of Physical Education and Recreation to serve as Edmonton 2001's director responsible for liaison with the University, says that the University has been involved with the event from the very beginning. He points out that members of the University community played a role in developing the original proposal, gaining community support, and making the successful bid.

Integral Part

The University will also be an integral part of staging the World's. About half of the competitors will be housed on campus. Most of the others (with the exception of some of the higher profile athletes who have made other arrangements for themselves and their entourages) will stay in a "hotel hub" clustered in south Edmonton near Calgary Trail. Schulha says that the idea of creating something akin to an Olympic village for the athletes—which has only been done once before at the World's—was a selling point in Edmonton's bid.

The University is providing about 1,000 single rooms for participants in the World's (there won't be any doubling up or bringing in bunks to squeeze as many as three or four athletes into a single room, as was done for Universiade 83). While all the



preparing to help host the biggest sporting event in Edmonton's history.

arrangements hadn't been finalized at the time *New Trail* went to press, it is expected that the University's Garneau Housing residence complex will be the home for the Canadian delegation. Most of the other athletes housed on campus will be located in Lister Hall, where all the participants staying on campus will take their meals.

(According to Schulha, all possible measures have been taken to minimize the impact on students, who were notified well in advance of the disruption to the normal residence routine and will be transferred to alternative University accommodations for the duration of the World's.)

University facilities will also be used for the athletes' recreation and training. Most notably, one of the competition's main practice venues will be the new South Campus Athletic Training Facility, now under construction. Largely being built with funding from the 2001 Championships, the facility will be a major legacy of the World's, serving as the new home for a number of the University's interuniversity athletic teams and providing a venue for a wide variety of University and community activities.

The University is also front and centre in many of the activities that are part of the larger celebrations surrounding the athletic competition. This includes two groundbreaking events. The first is an international scientific

conference: the first-ever international congress dedicated to the study of nutrition as it relates to athletic performance. The congress, expected to draw 500 participants, will take place from 8 to 11 August (see page 26).

Legends of Gold

The second event will be a sports celebrity dinner of a magnitude never before seen. The Legends of Gold dinner, which will take place on 6 August 2001, midway in the competition schedule, will bring together the greatest living track-and-field athletes of our time. While the official announcement of the dinner won't take place until early April, already two dozen athletes who have won gold medals at major international competitions have confirmed their attendance. Among those who plan to take part are Canadian sprinter Donovan Bailey; British runner Sebastian Coe, whose 800-metres world record stood for 16 years; Dick Fosbury, who changed high jumping forever with his Fosbury flop; and American decathlete Bruce Jenner, considered the world's greatest athlete when he broke the decathlon record at the 1976 Montreal Olympics.

The Legends of Gold dinner is being organized by a committee of Edmontonians, including Senator Tommy Banks, whose orchestra will play for the dance that will cap the evening's events. Proceeds from the

dinner will be split between the Championships and the University, with the money going to the University being earmarked for athletic scholarships. Based on the preliminary budget, if the dinner is sold out, the University will receive \$125,000.

The arrangements for Legends of Gold call for each of the "golden" athletes to have the services of an aide for their entire stay at the World's. These aides—primarily students and young alumni of the University—will be chosen by the University and will be given U of A track suits to wear when performing their duties.

Susan Green, '74 BA(RecAdmin), the University's acting vice-president (external affairs), wants to make sure the aides won't be the only ones proudly displaying the green and gold of the University during the World's.

"The entire University community is excited to be a part of the staging of the 2001 Championships and we are proud that we will be 'where the world meets' this summer," says Green. She chairs a committee set up to increase the University's profile and coordinate University events during the World's. Her committee is launching an initiative aimed at getting alumni, and other members of the University community, to dress in green and gold on 6 August.

"Let's show our true colours when we welcome the world this summer," says Green.

Examining the Link Between Sports and Nutrition

When the track and field luminaries arrive in Edmonton for the 2001 World's, they will be rubbing shoulders with elite achievers from another realm: academic superstars in the field of sport and nutrition.

As many as 500 participants, from every continent except Antarctica, are expected in Edmonton for the First International Scientific Congress on Nutrition and Athletic Performance, running concurrently with the World's.

The international response has been just excellent," says Shirley Graham, '92 BPE, who is the congress chair. She's received thousands of e-mails in response to the information packages (some 7,000 of them) sent out by the congress organizers. "It's very exciting," she says.

The goal of the congress, as stated in its literature, is to serve the international scientific community by providing a venue for the world's foremost researchers to share, discuss, and publish information on athletic performance enhancement through improved nutrition. The congress is a good fit for the University of Alberta, says Vickie Baracos, '77 BSc(Ag), a professor of protein metabolism in the Department of Agricultural, Food and Nutritional Science at the U of A.

"In fact, the University has recently identified nutrition and metabolism as one of its areas of excellence," points out Baracos who, along with Brian Maraj of the Faculty of Physical Education and

Recreation, is co-chairing the congress's scientific advisory committee.

"This is the first time that anybody's done a big international conference on exactly this subject," says Baracos. She says that at times when nutritionists have met they have given passing attention to sports nutrition or the needs of the elite athlete at small symposia, but never before has there been anything on the scale of what's planned for Edmonton.

That seems to be reflected in the interest the conference is generating. "I think the scientific quality of our list of plenary speakers is really very high," says Baracos. "We wanted to get the top, top people." Among those "top, top" people are Ron Maughan, an expert in nutritional support for competition from Aberdeen, Scotland, and Terry Graham, who does research into performance enhancing supplements at the University of Guelph in Ontario. In addition to being presenters at the congress, Maughan and Graham round out the scientific advisory committee and helped identify potential speakers.

Finding good speakers hasn't proven to be a problem. "When we decided those people we wanted to go after, we had a list of firsts and seconds," says Baracos. "As it turned out, we didn't have to go after the seconds."

The congress presentations have been organized into four major themes: nutritional support for training; nutritional strategies for competition; nutrition and the health of the athlete; and nutrient needs for special populations of athletes. Among the congress participants will be Christiane Ayotte, director of the IOC anti-doping laboratory in Montreal, who will speak about nutritional supplements and doping controls. "Many of the performance enhancement foods that athletes use tread a very fine line between nutrients and drugs," says Baracos.

While the conference focuses on nutrition and the elite athlete, much of what is discussed may eventually find its way down to the recreational exerciser, says Baracos. "What is learned by these kinds of endeavours," she says, "has application for everyday living." As an example she points out that one of the invited

speakers, Jean Philippe Bonjour, head of the division of bone diseases for the World Health Organization in Geneva, Switzerland, has shown that the widely-held belief that eating too much protein will cause your bones to waste away is a myth. "He's shown that that is absolutely not true," says Baracos.

Funding support for the congress, which will be held from 8 to 11 August in the Shaw Conference Centre, has been committed by Western Economic Diversification, Economic Development Edmonton, the University and other sponsors. The presentations made at the congress are to be published as a supplement to *The Canadian Journal of Applied Physiology*.

The greatest challenge Graham and her organizing committee have had to face so far was assembling sufficient hotel rooms for the congress participants. However, Graham, who has been involved in special events organization for more than 25 years—she was involved in Edmonton's Commonwealth Games, Universiade 83, and the 1988 Calgary Olympics—assembled a small team that managed to secure 500 hotel rooms available for congress participants. But not all participants will be able to afford hotel accommodation, and Graham is looking for Edmontonians willing to billet participants—particularly graduate students—in their homes.

While she anticipates that those attending the congress will be interested in taking in some of the athletic activities at the World's while they're in Edmonton, finding time to do so might prove a problem. "They've got a very heavy schedule while they're here," says Graham.

The intense interest shown in the conference so far is gratifying, says Graham. But, she says, the value of the congress will best be judged by its future. "The challenge will be to see what happens afterwards. Will there be more? Will others build on what Edmonton started?

Anyone interested in volunteering to help with the congress or for more information, please contact the Congress Office at (780) 456-3525.



A Legacy that will make a difference

The new South Campus Athletic Training Facility will be a boon to University athletics—and to community sports teams.

The excitement surrounding the Edmonton 2001 World Championships in Athletics will linger long after the last competitor in the world's third largest sporting event has left the field. For much longer still, University of Alberta athletes—as well as a broad cross section of the amateur sporting community in Edmonton—will benefit from the facility that will be the University's major legacy from the World's.

Tucked in behind the O.S. Longman Building and the Balmoral Curling Club, adjacent to the University's agricultural research station, the South Campus Athletic Training Facility (SCATF) will be a main training site during the IAAF championships. Afterwards it will be a multi-use facility accommodating interuniversity athletics—field hockey, football, soccer, track and field, and rugby—academic classes, intramural athletics and campus recreation events, as well as community sports and recreation activities.

The dean of the Faculty of Physical Education and Recreation, **Mike Mahon**, '93 MSc, says his faculty is "ecstatic" about the new facility. "It allows us to bring together a number of athletic programs that have been dispersed all over—our soccer teams, for instance, have been over at Faculté Saint-Jean. And we haven't had a legitimate outdoor track-and-field site. We can now pull our teams together, and do so in a state-of-the-art facility."

Being built at a cost of just over \$10 million (almost \$8 million is coming from Edmonton 2001, the University is raising the remainder from the community), the SCATF comprises two separate athletic fields on either side of a multi-purpose indoor facility. Its east field, which will be the future home of the Golden Bears football team, is designed for both football and field hockey. It will be well lit and equipped with the latest generation of artificial turf—similar to that recently installed at some CFL stadi-

ums. A four-lane, 125-metre warm-up runway will surround the playing surface.

The west field is designed to accommodate track-and-field training and competition. It features an eight-lane running track built to IAAF standards, as well as pole-vault and high-jump areas, long and triple-jump pits, and throwing areas for hammer, shot put, and discus. Inside the 400-metre running track is a natural-turf soccer field.

The viewing areas for each field are tied into a central building, which provides locker rooms, a press box, and a concession area. Other indoor facilities include classroom space, meeting rooms, and a high-performance weight-training area.

While the South Campus Athletic Training Facility will be a boon to the University and its athletes, it will also receive extensive use by the wider community, points out the physical education and recreation dean. The University has spent almost a year talking with a number of community groups, including both Edmonton school boards, to develop an operational model for shared use of the SCATF, and Mahon is pleased at the amount of community use the new facility will see.

The extent to which the community will be involved in the use of the SCATF is demonstrated by projections for annual use of the football field—which will be Edmonton's only football field with an artificial playing surface. While the Golden Bears will play six home games there, it is expected that teams from outside the University will play 72 games at the site. That includes eight junior games, 54 high school games, and 10 bantam football games.

"This is a facility that is going to make a real difference to us, and to the community," says Mahon. "It's going to be a real legacy. We couldn't be more excited about what it means to us." ■

Class of

Colour photographs by Richard Siemens, Creative Services, University of Alberta

Four years ago I was asked to write an article about the University of Alberta Class of 2001. The assignment was straightforward: interview a half dozen or so incoming first-year students about their hopes and dreams and plans for the future, then talk to some professors and administrators to find out what might be in store for the first graduating class of the new millennium.



Always eager to find out what motivates people, I jumped at the opportunity. And I wasn't disappointed. The seven students I interviewed were uniformly enthusiastic, bright and optimistic and, most important for my purposes, articulate.

They weren't entirely certain about what they'd encounter during the next four years, but they were confident enough to enter University with a game plan. As a group, they were impressive, and I wished them well. And, as with the subjects of most magazine articles I've written, I assumed I'd never encounter them again.

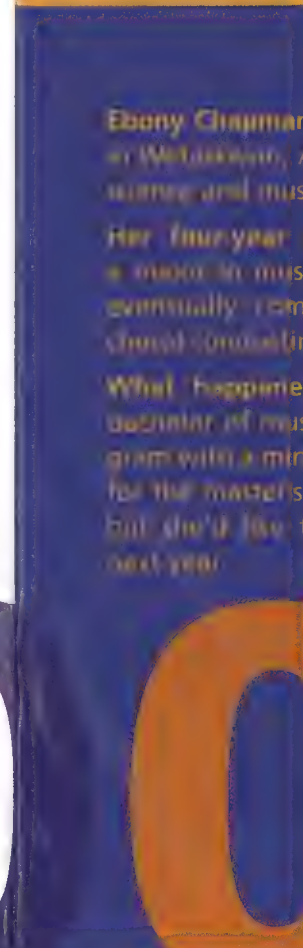
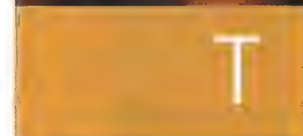
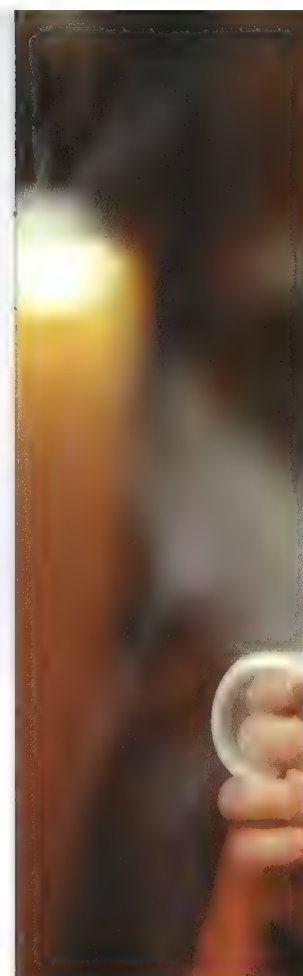
Then, toward the end of 2000, *New Trail* editor Rick Pilger phoned. "How about a follow-up on the 'Class of 2001' story?" he suggested.

Jodeen Litwin, the associate editor, had contacted all the students. Amazingly—or perhaps not, given their initial motivation—they were all still at the U of A and on target to graduate, five this spring, two next.

I was a little nervous about talking to them a second time. Four years isn't such a long time, but a university experience can be profound. How would they have changed? Would their university experiences have lived up to their expectations? Would they be more optimistic about the future, or cynical?

I came away even more impressed than after the first time. Without exception, the students I interviewed had positive experiences at the U of A, both academically and socially. They've expanded their intellectual horizons, and matured emotionally. They've learned more about the world and themselves. Talking to them it was impossible not to feel optimistic about their future—and ours as well.

—Deborah Waldman





Naamati Ben-Zvi was born in Israel and raised in Atlanta, Georgia, and Edmonton. Naamati was an exchange to the U of A and her father teaches religious studies and her older brother is on his last year of engineering. When she begins her U of A studies.

Her four-year plan: Prepare for a career in human relations.

What happened: She discovered that marketing interested her more than human relations and changed her major accordingly. Her research is international business. When she graduated she would like to work in the area of marketing and promotions on an international level. Cultural research also interests her. In August she became engaged to a graduate student from Kogon.

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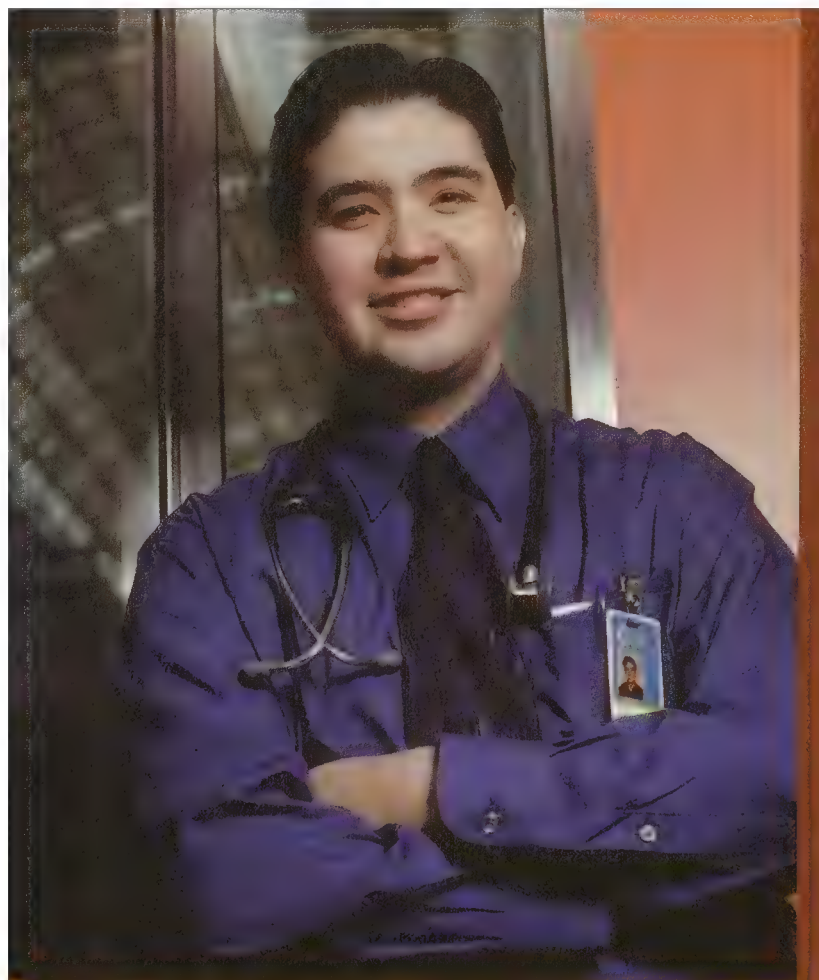
The students

Elsbeth Chapman graduated from high school in Wetaskiwin, Alberta, where she studied in science and music.

Her four-year plan: Study education with a major in music and minor in biology, and eventually complete a master's degree in choral conducting.

What happened: She's doing a combined bachelor of music/bachelor of education program with a minor in German. She may still go for the master's degree in choral conducting, but would like to teach after she graduates. THAT YEAR





Robert Fox, who grew up on the Blood Reserve near Cardston, Alberta, had already earned a degree from Brigham Young University in Utah when he was accepted at the Faculty of Medicine.

His four-year plan: Earn a medical degree in preparation for practice on a reserve in Alberta.

What happened: After graduating from the Faculty of Medicine in May, he'll do a two-year residence program in family medicine, preferably in Alberta, where he still plans to practice.

How did your University experience measure up to what you expected?

Mike Spencer: I think I was really surprised. I always knew I was going to go to University, but the reason I went right after high school was sports. I really thought it was going to be drudgery trying to pass my classes so I could keep playing, but it wasn't like that. Once I got here, I got into the academics and social life and had a great time all around. I found something I was really interested in and liked my classes and did well.

Ebony Chapman: For the most part, it was better than what I expected. Especially, being in music, I have smaller classes, which is kind of a big thing: you hear when you go to university that the classes are going to be 500 people and you're going to be nobody, but that's not true. I got to know my professors, and I really feel part of a community here. Last semester I had this German class with eight people in it. You get to know people and just learn more and get more attention that way, get more help from professors when you need it. That's a big positive thing.

Naamah Ben-Zvi: The courses really gave me a taste of what I'm interested in, and what I'm not so interested in. You go into University and you think you're going to learn a lot, and you do, but you also learn how little you know—there's so much out there to learn and to experience. There are so many other courses you can take, there are so many other clubs you can participate in. We're always going to learn. If we think that the diploma or the degree that we're going to get, that we're done learning with that, then we haven't learned a thing.

Robert Fox: Because I'd already done an undergraduate degree, it really didn't differ too much from what I was expecting. I did expect to mix with the general population of students more than I did, but basically I was with the same 125 members of my class. We did every lecture together. It almost felt like being back in my hometown in high school where the grad class was about 120. We generally got along with everybody—everybody was great. It makes for a lot of good relationships. We had people who were older than I am—I'm 27 now—but now that it's over, they don't feel that old because I'm getting up there too.

Jennifer Perry: I think I got what I asked for, a really solid thorough training in science and biology, and how to think critically, exposure to so many ideas and different ways of thinking. I guess I was hoping that the light was going to dawn, and I'd see what I was going to do and where I was going to go with my life. It hasn't happened yet. I'm not blaming that on the University: I was expecting it would come to me, that I wouldn't have to work for it—I would wake up one day and it would come to me, my mission in life. I guess I have to work on it a little more.

Sonia Wong: I think it really exceeded what I expected. I think I've been very lucky. I've learned a lot in the last four years, a lot that I didn't really expect. I joined an extra-curricular activity, an organization called AIESEC. It's an international exchange organization. In my first year I was a general member helping out here and there. It has a lot of conferences throughout the year, throughout Canada. The

first one I went to was in Victoria. The last one was in Quebec City. Through AISEC I went to Portugal.

Mark Kusiak: I expected the pharmacy program to be challenging and demanding. It is really challenging and demanding for me, but I was really amazed at how very helpful the faculty was. They were always there to help me and the other students understand what we were learning.

What surprised you about university?

Sonia: I had a lot of roommates and they all came from different countries. My current roommate is from Mexico, which is neat, because I'm learning Spanish. Last year my roommate was Japanese, and I was still learning Japanese. I had one from Turkey.

Ebony: The whole minoring in German thing was a surprise. I never had a second language before, so that's been exciting. Also, I think I kind of went into a little bit of a shell, and now I think I'm just coming out of it again, but a lot further out. It's more in terms of music and performance—being intimidated by all these people who were like “I'm going to be an opera singer.” It took me a while to get over that. Those aren't my goals, but somehow I felt that in the environment that I was in it was viewed as better than what I had, more desirable [than] a small baroque choir singer's voice.

Jennifer: Majoring in biology—that was a surprise to many people because I didn't really like biology in high school, and I swore I'd never take another class. And here I am, almost a biologist. I just think there's nothing else that's interesting out there, except what I'm in.

Mike: I've really enjoyed the learning. I had an 8.8 last semester. I've had an 8 average all the time except the first two semesters, and after that I really figured out what I was doing. All my goals coming into University were athletically based. I know it sounds bad, but the football team has performed so poorly the last four years, and track is finally going well for me this year after all the injuries. And the one area that I wasn't interested in at all has taken off for me—school. It's kind of weird how it's completely changed: I was interviewed as the jock, but I ended up being academically focused.

What were some of your memorable experiences?

Sonia: I went to a conference in Japan. It was free, to bring students from different countries and let them interact with the Japanese government. There were 18 representatives from different countries. I think I was chosen because not so many Canadian students applied. It was a five-day conference, and we visited factories and industries, we talked about global issues like waste management. I wasn't expecting the level of [fluency in] Japanese; I didn't realize we'd be discussing subjects in such great depth. I was looking in my dictionary the whole time.

Mark: At a Professional Development Week I was able to meet many people from pharmacy schools across Canada. It was wonderful to meet them and share our different experiences. The professional sessions—including health

Jennifer Perry came to the U of A from Cape Breton, Nova Scotia. In part, because she was attracted by the variety of programs.

Her four-year plan: Study economics.

What happened: After the first year, she transferred into science, starting out in environmental science and winding up in biology. She plans to go to graduate school next year, although she's not sure where.

Mark Kusiak who calls Regina home came to the U of A after studying liberal arts for two years at Gallaudet University in Washington D.C.

His four-year plan: Study pharmacy.

What happened: He transferred to the U of A in September 1996 to take pre-pharmacy courses and was accepted into the Faculty of Pharmacy the next year. He is currently doing a clinical rotation in Edmonton and is excited about his graduation in May.

topics such as diabetes, osteoporosis, or HIV/AIDS—at the conference were helpful, good, and interesting. I do not remember the specifics of [every one] of the sessions, but I also had fun at the many social events. But I missed the chance to meet Mike Myers! I was taking a nap in the hotel room and my friends went to play ice hockey and met him.

Mike: The things that I'll remember the most are spending time with my teammates and friends up at RATT. When I think back, none of the school stuff really comes to mind [in terms of] defining moments. Everything I think of, it's just about the people and friends.

Naamah: The co-op experience is fantastic. It lets me put what I'm learning to use and then come back and learn some more and see how everything relates and connects. I've done two co-op terms—we have to do three in total. So far, I've worked for the Edmonton Heritage Festival and Alberta Economic Development, as a marketing assistant. I got to sit in on some meetings with Trade Team Alberta—it was really a great experience. And I went to Calgary for a biotechnology conference in September.

Ebony: I got to go to Ireland with the Madrigal Singers and win an international choral competition in April 1999. And the same choir went to Toronto in November for National University Voices 2000. Twelve of the top choirs from across Canada came together to perform. We were one of four choirs that got to premiere a piece called *Paint the Light* by Canadian composer Jeffrey Ryan.

Jennifer: I got to do some neat research. The summer before last I worked in Jasper National Park for two and a half months. I was a field assistant helping someone else to study mosses and soil crusts. Last summer I spent three months in Utah and in Southern Alberta. I was studying yucca plants and yucca moths and their attractions—helping someone else on a project.

Robert: My first summer I spent 12 weeks at a Native aboriginal health centre in Toronto, right in the inner city. I had never been east



of Medicine Hat. I worked with everything from street people to successful people who had graduated with master's and doctorates. It really opened my eyes to the range of possibilities for Native people.

As a medical student, on rotation, the first delivery I saw I was almost crying. If there hadn't been a staff doctor [present] I would have been. It was an awesome spiritual kind of experience. I was all choked up. There are a lot of times in the medical education when those things happen. It's a long night on call, but you do something that probably saves that person's life or you made a difference in any case and all of a sudden you see the big picture: I can do things that no one else at the time could have done and you made a difference, and then, of course, you remember how tired you are. But for a brief moment you saw the big picture.

Has your outlook for the future changed?

Jennifer: It's hard to answer—I don't really think about the future much. I'm not worried. I would say I'm really happy.

Ebony: In some ways, I guess, I feel more secure because I realize that there are more things that I can do. Just because I went into education and music doesn't mean I'm going to teach music in a public school necessarily—although I really want to do that—but there's lots of things I can do, lots of directions I can take, and lots left to be learned.

Robert: I think when you asked me that four years ago I said I was a realist. I can, by getting up every day and doing what I've got to do, change [the future] to make it more like what I want it to be, but my head is not in the clouds. I'm not thinking all disease is going to be cured or there's going to be an end to wars. The human condition is going to be the same as it's always been. What can change is me, that I get the ability to make a difference.

Sonia: I think I'm a very optimistic person. I see other people being more practical and maybe I should be, but I enjoy being more of a, quote unquote, more a dreamer and believing I can achieve what I want to achieve. I don't know if that's changed from four years ago, but I think that I'm more sure of the fact that I believe in the power of an individual. I was having this conversation with a group of presidents of AIESEC from across Canada. None of us had sent out a resume. And we were like, "Why was that? Shouldn't we be scared?" And maybe some of us were, but it kind of reassured us that we are really looking for an opportunity that we believe in. It was really inspiring to me that there were so many other people in that room who believed that.

Naamah: My outlook expanded. I think I realized a lot more about marketing, what marketing can offer, the different types of jobs that there are. You see how much more there is than what you expected. Jobs are changing every day, there are new things to experience and learn. I guess I'm probably going to graduate being more excited about what the future holds than when I came in.

Mark: I am more optimistic for myself and for other pharmacy students, because of the many job opportunities for all of us. There is a high demand for pharmacists right now.

Mike: I was pretty optimistic coming in, but I'm very, very optimistic about my future. I've found in University that anything I've applied myself to I've had success with—just from the effort—and I'm really confident that I can do that outside of school with anything that I want to do. If I really wanted to do something and really put in the effort, I had no problems doing it.

How have you changed in the last four years?

Mark: My attitude has changed in the past four years in a few ways. I feel I am more empathetic to patients' concerns and I try to be more understanding, compassionate, and make patients more comfortable. Also, through my four years, especially during my clinical rotation and internships, I have become more confident in myself, my abilities and am more comfortable showing others what I can do to help people improve their quality of life. I am more confident in my ability to help patients.

Naamah: I think I've matured and grown. I've been involved in clubs, in leadership roles, I really got to experience a lot of different aspects of University life and had fun. I further realized the importance of communication in everything that you do, to be creative—especially in marketing—and to be a critical thinker.

Mike: I think I've gotten confident but my confidence is more well placed. When I was younger it was an arrogance more than a confidence. I don't tell everyone how I feel, but I feel good about myself.

Sonia: I became a more critical thinker, and look at all sides more. I've become more aware of my surroundings. I think I've become a lot more outspoken as well. I think I didn't really enjoy sharing a lot of what I'm thinking. Now in classes, even in bigger classes, I raise my hand and give my opinion. Four years ago I don't think I would have done that.

Jennifer: I would say that I'm calmer. I would say that I see so many sides to every issue and every story. I find it really hard to say anything is right or wrong or to put labels on anything or anyone. I don't mean [I was] judgmental about people, or groups of people, but maybe I jumped to conclusions more quickly. Now I see more sides to things.

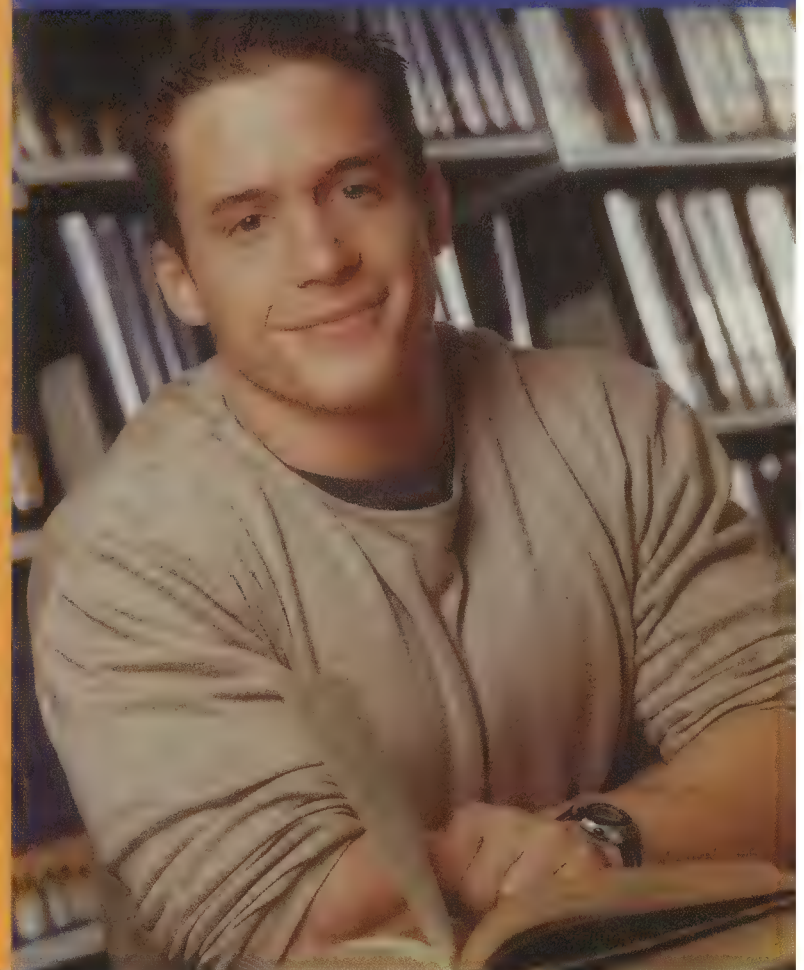
Ebony: I think it's kind of like the more you learn the more you realize there is to learn, so the less you actually know. It just made me aware of all the things that are out there.

Robert: The last four years I think I went from being an older adolescent at age 24 to being a young adult now. Part of it is just natural, your brain just developing, but I think it's the experiences I've been called to go through. Especially in the last year and a half [of rotations] you're put in situations where you can't be a kid anymore, you've got to call a family in the middle of the night and tell them, "Your grandma died." There's no more cramming the night before because you decided to party the last few months. It's not just an exam you're trying to pass. Someday someone, a patient, is going to rely on you knowing that stuff. It's not a game anymore. ■

Mike Spencer: The self-described "jock" and son of a former U of A football player, Mike graduated from Jasper Place Composite High School in Edmonton.

His four-year plan: Play football, run track, major in business, and become a corporate lawyer or stock broker.

What happened: He played football, but injuries kept him from track until this year. He majored in business, but still hasn't decided whether to go straight to graduate school, for either law or an MBA. He may just take time off to work



Taking the bite out of bullying

University professor creates a program to help overcome bullying among elementary school students

It is ironic that the University of Alberta's own anti-bullying crusader was once told by a psychic that she was a bully in a past life.

"On a spur of the moment, I went to this psychic fair at the Fringe in Edmonton," chuckles Marilyn Langevin, '88 BSc(Spch&Aud), '91 MSc, clinical director of the University's Institute for Stuttering Treatment and

children who were picked on or teased because they stuttered. Almost as soon as she started, she realized that it was important to broaden her scope and include all the children involved in the bullying—victims, their peers, and children who bully. "This led to a marriage of two goals: to provide educational materials that changed attitudes towards bullying, while at the same time improving

once a week or more often. Langevin found these numbers significant and decided to take a more holistic approach—not limiting her focus to students who stutter. "I wanted to create a program that would help foster healthier, more positive relationships among children with and without differences." The culmination of Langevin's 10 years of research is *Teasing and Bullying: Unacceptable Behaviour*, an educational program that includes ready-to-use lesson plans and activities, parent handouts, full-colour classroom posters, a teacher manual, and videotape. The program, whose acronym is TAB, is designed for children in Grades 4 to 6, but Langevin says it can be adapted for earlier grades or junior high. TAB is also a useful program for teachers, counselors, psychologists, social workers, and other professionals who work with children.

The program was developed in consultation with elementary-school teachers, counsellors, and students. It was field tested in 1996 with 900 students and 37 teachers, and results showed an improvement in attitude towards victims and children who stutter. It also reduced the approval of bullying.

Langevin explains that the program works by changing the whole environment, rather than removing the bully from the situation. Once the entire class learns

about teasing and bullying, attitudes change, and the children begin to understand what it is and how it makes people feel. Lessons and exercises teach a problem-solving approach that uses conflict-resolution strategies, she says.

"TAB will become a classic resource for teachers and other professionals who need clear and concise steps for dealing with the complex issues related to differences," said TAB reviewer Rosalee Shenker from the Montreal Fluency Centre at McGill University.

TAB is listed as a recommended classroom resource in Alberta Learning's Safe, Secure, and Caring Schools Curriculum. The program is supported by The Elks and the Royal Purple Funds. ■

What is TAB?

Tab is a comprehensive bullying prevention program that HELPS children take responsible action by:

- changing attitudes toward teasing and bullying
- changing attitudes toward children with differences, particularly children who stutter
- providing a problem-solving approach using conflict resolution strategies
- encouraging peers to become active
- encouraging children who bully to change their behavior

Research (ISTAR). "She said I was a terrible bully in a previous life, but thankfully I had atoned for my sins and changed my ways. Helping children overcome teasing and bullying is definitely a path I was destined to follow!"

Langevin's path to prevent bullying started in the early 1990s. Langevin was working on developing educational materials to help school-

attitudes toward children who stutter," says Langevin.

In her early research, Langevin found that bullying was very much a part of children's everyday lives. While conducting interviews and questionnaires, she discovered that almost 58 per cent of children between the ages of eight and 12 reported being bullied at some time. And 32 per cent indicated that they were bullied at least



Marilyn Langevin with TAB Resource Material.

Where the Action Is

Contributing to the convergence of wireless and the Internet

In the rapidly expanding field of electronic communication, wireless is where it's at, and with the appointment of Norm Beaulieu as the head of its new iCORE Wireless Communications Laboratory, the University of Alberta is positioning itself where the action is.

U of A engineering dean **David Lynch**, '82 PhD, is unstinting in his praise of Beaulieu, calling him "one of the top engineering researchers in the world." The editor of the most prestigious journal in the electronic communications field, Beaulieu turned down offers from several other institutions in Canada and the U.S. when he accepted the U of A appointment last fall.

Since moving from Queen's University in Kingston, Ontario, to Alberta, he likes what he's seen of his new academic home. "Alberta is a university in the passing lane," he says. "The reality is even better than the perception."

He was drawn to Alberta, he says, by the positive attitude in the province and the "opportunity to interact with the young, thriving wireless industry here." He was also impressed by the strong University commitment to "electrical engineering and wireless."

Along with electrical and computer engineering professors Witold Kryzmien and **Ivan Fair**, '85 BSc(Eng), '89

MSc, and a team of graduate students, Beaulieu will conduct research in the new iCORE lab, which will reside in the new Electrical and Computing Engineering Research Facility, scheduled for completion this summer. Initial funding for the lab is \$1.2 million, with annual funding of \$700,000 coming from the provincial government's iCORE (Informatics Circle of Research Excellence) initiative.

Beaulieu and his colleagues in the iCORE lab are squarely in the middle of the hottest area in electrical engineering: the convergence of the Internet and wireless technology. According to an article in the 24 October 2000 *Economist*, collectively wireless telecommunications companies in Europe will invest US \$300 billion in bringing together the two hottest technologies of the moment: the mobile phone and the Internet.

"Multimedia is the big thing," says Beaulieu, who points out that "everyone" wants a hand-held—or better yet, wearable—device that does it all: works as a phone, fax, video-messaging device, and more. And that's definitely where things are going, he says. "In Finland, for example, you can already buy things from vending machines using your cell phone."

The challenge now facing the wireless communications industry is the problem of signal interference. "More



Norm Beaulieu

Considered a world authority in wireless communications theory, he has discovered ingenious mathematical approaches to predict in advance how well new wireless and digital communications systems will perform.

Appointed director of iCORE lab, September 2000.

Graduate (BSc, MSc, PhD) of the University of British Columbia.

Fellow of the Institute of Electrical and Electronics Engineers.

Editor of the IEEE's *Transactions on Communications*, with 80 associate editors, it is considered the world's premier journal in its field.

Winner of NSERC Steacie Fellowship in 1999—the U of A Faculty of Engineering now has two Steacie Fellows (**Wayne Grover**, '89 PhD is the other); no other Canadian engineering school has any.

and more people want wireless capabilities, but we can't provide the existing service without it getting worse," says Beaulieu, who hopes to expand and apply wireless communications theory to devise transmission techniques for interference management.

Aside from its academic pursuits, the greatest challenge facing the iCORE lab is maintaining momentum, says Beaulieu. "Our team has to grow. To do that, we want to strengthen our ties to major communications industries. We're working on that." ■

Sifting in Siberia

by Phoebe Dey

Calling Dr. Andrzej Weber an archeological detective wouldn't be far off. When the anthropology professor isn't teaching at the University of Alberta, you might find him digging for clues in Siberia, specifically the region around Lake Baikal.

Weber is researching hunter-gatherer cultures in Siberia and will use a \$2.5 million grant he recently received from the federal Social Sciences and Humanities Research Council to help compile a database of information on about 400 people found buried in the area. He has formed a multidisciplinary team of about 20 scholars from six different fields, ranging from archeology to molecular biology. The end result will resemble a modern-day census to which people all over the world will have access, says Weber.

"We will look at things like approximate age, genetic characteristics, chemical characteristics, architectural characteristics of the graves, and goods

found in the graves," he says. "It is similar to a crime scene, and although we're looking at different clues, the goal is pretty much the same. We want to know what happened, who these people were, how did they get there? We want to find out the chain of events that led them to where they died."

Weber was first attracted to the Lake Baikal region 10 years ago, when the international political climate was changing. The Berlin Wall came down and the Soviet regime was crumbling, and Weber used those events to his advantage. "I was one of the first to capitalize on these new opportunities," he says.

"Scholars recommended the Lake Baikal area because it had a lot of archeological research that was showing potential to be relevant from a North American aspect. In terms of climate and hunter-gatherers, there were a lot of similarities between Siberia and Canada."

The Russians were receptive to Weber's long-term plan to conduct archeological research, so he spent the first few years studying the region before starting any of his digs. He soon learned the area was ripe with signs of habitation and the sites were well-stratified, which meant that deciphering a chronology for the people would be easier.

Another benefit of working in Russia was

that many prehistoric cemeteries had been discovered by Russian scholars over the last 100 years. Normally in hunter-gatherer cultures, says Weber, formal cemeteries weren't developed, but for some reason the people around Lake Baikal used formal burial sites as much as 8,000 years ago.

"The richness of food resources would make people return to the same place," he says. "A combination of cultural and environmental factors resulted in a number of cemeteries in a scale unknown to North America."

After studying the region Weber spent the next few years collaborating with archeologists in North America and Russia to set up a plan to excavate the remains. Because the Russian researchers don't have the infrastructure to analyze the finds, Weber and his western colleagues use "state-of-the-art scientific methods that allow us to learn such detail that wasn't possible to learn even 15 years ago."

Using such methods as DNA and trace analysis, the scientists are able to learn more about the people and their lifestyle. Weber is specifically looking at the transition between two distinct cultures—the Kitoi culture, which existed in the Late Mesolithic and Early Neolithic periods, and the Serovo-Glazkovo culture, which dates from the Late Neolithic period to the Bronze Age. Researchers believe there is a substantial gap in the seventh millennium B.C., disconnecting the Kitoi from the Serovo-Glazkovo. Weber wants to learn more about those people and why that gap exists.

Weber has in the discovery p years, about dents from the have partnered of Russian stu school in Lake tents only a sto the students s excavating or c makeshift lab.

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Weber has included his students in the discovery process. For the past four years, about 15 undergraduate students from the University of Alberta have partnered with the same number of Russian students in a summer field school in Lake Baikal. Camped out in tents only a stone's throw from the dig, the students spend their days either excavating or cataloguing finds in the makeshift lab.

Normally, students see the end product of archeology in the form of a

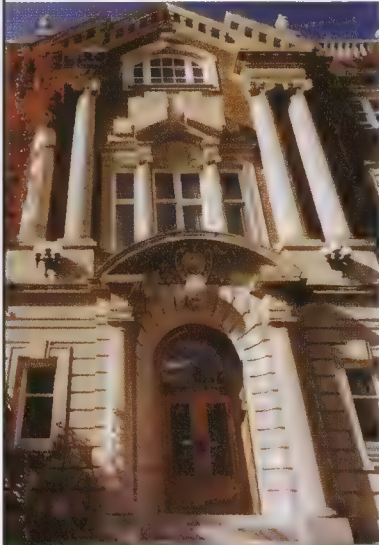
paper or report, but involving them in the entire process is much more interesting, says Weber. "Some graves are a bit bigger than others, so this may tell us that society wasn't completely egalitarian. A few graves have unique goods, such as green or white nephrite, and adornments, such as semi-precious stones or pendants. Sometimes it's even possible to learn the cause of death.

"Each time we find something different, and that's what makes it all so exciting." ■



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Following the Footsteps of University of Alberta Alumni



Artist Seka Owen stands in front of one of her original art pieces, *New Vision Series, No. 10*, which she painted in 1998.

With more than 500 paintings bearing her signature, artist Seka Owen, '77 BFA, has decided to donate about 30 original paintings to the University of Alberta for its art collection. "The University was very important to my career," says Owen. "I received great support from my professors and peers, and it made me strive to work at my very personal best." Owen has shown her work—mostly abstract, acrylic works that are inspired by the routines and interactions of everyday living—in galleries around the world.

REFLECTIONS

Reflecting over the past year as president of the Alumni Association, I continue to be impressed by the talent and quality of University of Alberta faculty, staff, and students. As well, there are many volunteers who fill important roles in University governance, support, and leadership. These extraordinary groups of people bring diverse abilities and skills to the University and our community. All of them believe and support the idea that the University of Alberta is an important and vibrant part of the Edmonton and Alberta communities.



The value and importance of the University of Alberta was recently recognized when the *Maclean's* magazine annual ranking of Canadian universities was released. The University scored high in many categories. We should be especially proud of the third-place finish in the reputation category, which is based on the opinions of more than 7,000 individuals across Canada, including high-school guidance counselors, university officials, senior members of national and regional organizations, and chief executives and recruiters from corporations across Canada.

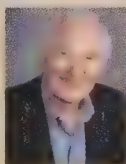
Unfortunately, the University of Alberta lags behind the others in terms of alumni giving. *Maclean's* uses a five-year rolling average of the number of alumni who have given, not the amount they have given, to rank the universities. Although the University has improved during the past few years, we still ranked 11 out of 15 in the recent survey. The fact that you are reading this magazine to stay informed about the University confirms your commitment to the University of Alberta and the Alumni Association. However, we need to continue to get the word out. We need to tell our colleagues and fellow alumni that all donations, no matter the size count. In the recent campaign, alumni were responsible for raising more than \$50 million in gifts and pledges. This was terrific, and alumni are to be thanked for their generosity. Your future support will ensure the University reaches its goal of being indisputably recognized nationally and internationally, as one of Canada's finest universities.

D. Bruce Bentley, '80 BCom
Alumni Association President

SALUTE TO VOLUNTEERS



Elaine Antoniuk
(Sloboda), '55 Dip
Nursing, and **Stephen**
Antoniuk, '53 BSc,
'54 MSc,
may live



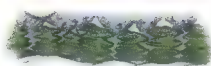
south of the border, but that hasn't stopped them from maintaining a strong connection with the University and showing their U of A pride.

The Antoniuks have lived in San Diego for more than 14 years. After driving out to Los Angeles to attend U of A alumni events, they wondered if events could be held closer to home. With more than 100 alumni living in the San Diego area, the Antoniuks decided that it would be worthwhile to start a University of Alberta alumni branch in their city.

Their first event was on 12 February 2000. More than 30 alumni attended an hors d'oeuvres reception complete with a tour of the Stephen Birch Aquarium. Nine months later, the second San Diego event was held at the PRADO in historic Balboa Park.

Elaine and Stephen initiated events for the branch by scouting out wonderful locations, arranging the catering, and mailing invitations. They have now formed an organizing committee of seven alumni. The committee has two goals. One is to organize two events each year—one in the spring followed by another in the fall. The second goal is to hold events in beautiful, convenient locations with interesting guest speakers to attract more alumni.

As a result of the Antoniuk's enthusiasm and their dedication, a strong nucleus of alumni has formed in the San Diego area. The Antoniuks are keeping the connection going and busy planning future events.



evergreen

Celebrating a 75th Anniversary

St. Joseph's College Alumni and Friends Association is celebrating its 75th Anniversary. The college serves as a residence for students, a study hall, a gathering place for the campus community, and a place to worship. Through the years many students have enjoyed their connection with the college, and many alumni and friends have fond memories of time spent there.

To celebrate the unique contribution that St. Joseph's has made to student life and the shared experience of its alumni, the Association has decided to make the college's 75th Anniversary a year-long celebration with a full slate of events and activities.

The celebration started in November when the library was rededicated to its major benefactors. In attendance at

this event were former Archbishop MacNeil and 30 alumni and friends. In February, 300 parishioners attended a special mass and pancake breakfast. The plans for March included two events. The college brought



in guest lecturer, Dr. John Kaltner of Rhodes College in Memphis, Tennessee. His talk was designed to help Christians explore and appreciate how the Koran portrays well-

known figures from the Bible.

A formal mass followed by a reception at St. Joseph's Basilica is planned for later in March. Special guests expected at the mass include Lieutenant Governor Lois Hole, Mayor Bill Smith, and Archbishop Thomas Collins.

The festivities will conclude in the fall with a public open house during Reunion 2001, which is to be followed by the Annual Alumni and Friends Dinner and Dance at the Westin Hotel on 27 October.

For more information about the 75th Anniversary events, phone (780) 492-7681.

Become a Mentor

There are times in one's life when someone else can really make a difference, especially when it comes to providing career advice, support, or counselling. The University of Alberta Alumni

Alumni Events

Unless otherwise listed, contact the Office of Alumni Affairs at 492-3224 or 1-800-661-2593 (toll-free in North America) or e-mail alumni@ualberta.ca.

Branches

Grande Prairie, Alberta 24 March 2001

Alumni Dinner
Guest speaker: James Stanford
Contact: Campbell Ross at
(780) 538-3524.

Bonnyville, Alberta 7 April 2001

Alumni Brunch
Guest speaker: Dr. Larry Wang
U of A professor

Victoria, B.C. 21 April 2001

Alumni Brunch
Uplands Golf and Country Club
Guest speaker: Michael Percy
U of A Dean, School of Business
Contact: Peter Newman at (250)
721-6265 or NEWMAN.PETER@canadatrust.com

Vancouver, B.C.

22 April 2001

Alumni Brunch
Royal Vancouver Yacht Club
Guest speaker: Michael Percy
U of A Dean, School of Business
Contact: Mary Ann Moffat at
(604) 737-0554

St. Petersburg, Florida

20-22 April 2001

Alumni Weekend

Hong Kong, China

4 May 2001

Happy Hour/Pub Night
JJ's at Grand Hyatt Hotel
Contact: Catherine Kwan at
uaahk@netvigator.com

Washington, D.C.

12 May 2001

All-Canadian Dinner
Hosted by the U of Windsor
Guest speaker: David Broadfoot
Canadian comedian

Edmonton, Alberta

25 May 2001

Branch President's Seminar

Toronto, Ontario

TBA May 2001

Annual AGM

Red Deer, Alberta

2 June 2001

Alumni Reception and Nature Walk
Kerry Wood Nature Centre
Guest speakers: Myrna Pearm and
Ted Pike, authors of *NatureScape*.
Contact: Dorothy and Sandy
Murray at (403) 289-2471

Calgary, Alberta

6 June 2001

Alumni Dinner
Spruce Meadows
Contact: Keith Sveinson at
(403) 289-2471

Constituent Groups

Alumni and Friends of the Faculty of Law Association

For information contact (780) 492-5953
or e-mail cmiller@law.ualberta.ca.

16 May

Spring Reception, Edmonton
Hotel MacDonald, 5 p.m.-7 p.m.

Association's Online Community has a mentoring program that may be of interest to those who are either looking for a mentor or those interested in being one.

Currently only alumni can access the Online Community. However, in the spring, the Alumni Association is launching the mentoring component of its Online Community to current U of A students (all other areas will be off limits until the students become full-fledged alumni).

"Opening up the mentoring program to students would be of great benefit to them as they prepare for the transition from school to the workforce," says Heike Juergens, '72 BA, '79 MEd, '87 PhD, the Alumni Association's vice-president (student life). "It's also a great way for students and alumni to connect with each other."

In order to prepare for the

spring launch to students, the Alumni Association is currently trying to increase the number of mentor profiles available. Being a mentor is easy. The program is set up in such a way that mentors are asked to fill out an online profile answering a series of questions designed to provide valuable information for people interested in a similar career.

In order to protect a mentor's privacy, the profiles are anonymous and do not contain the mentor's name or e-mail address. Mentors are reached via an online form, which is routed through the Online Community. It is then up to mentors to decide if they want to establish direct contact with students.

Alumni interested in becoming mentors or seeking more information about the service can sign up on the Online Community at

www.ualberta.ca/alumni.

While visiting the Online Community be sure to take advantage of all the other services offered—services such as a business card exchange and an e-mail address for life.

Ahoy, young West Coast alumni

A boat picnic is being planned for "young" alumni—graduates of the last 15 years—and their families who are living in the Greater Vancouver area. The exact date for the event is yet to be determined, but it is being planned for either late August or early September. For information, contact Vancouver Branch president Mary Ann Moffat at (604) 737-0554 or check out the Alumni Association Web site for updates on this event or others in your area.

REUNIONS

Reunion 2001 will be held from 11 to 14 October 2001. For a complete listing of classes holding reunions during Reunion 2001, see the back cover of this magazine.

Year & Class/Date&Place/Contact:

'51 Dentistry/25 May/George Street

'81 Agriculture/28 July/Anita Marr, Dominique Bizon

'81 Dentistry/25 May/ Glen Zenith

'76/'77 Civil Eng/ 12-14 Oct.

Banff/ Gordon Babey

Athletics for Alumni

Alumni—it's time to pick up those golf clubs and join in the fun at **Alumni Golf Classes** organized by the University of Alberta Alumni Association and the Edmonton Golf Dome. Two classes are available. One is an eight-week, learn-to-golf course that teaches a basic swing, putting, and chipping. The class meets once a week, starting on 26 March, and the cost is \$165 per person. The other class is a refresher course that focuses on swing mechanics. It runs from 9 April to 7 May and costs \$100 per person.

If golf isn't your sport, what about curling? Join the **University of Alberta Alumni Curling League** next fall. Leagues will play for six weeks, and the first curling league will start on 7 November followed by another one starting on 9 January 2002. Curling will run on Wednesdays at 4:30 p.m. The cost is \$125, and the curling action would take place at the U of A's Balmoral Curling Club.

If you are interested in taking golf classes or joining the curling league, contact Derek Shybunka in the Office of Alumni Affairs at (780) 492-2515.

Guest: Chief Justice Allan Wachowich
Court of Queen's Bench of Alberta

May-June

Spring Reception, Calgary

7 June

Law Courts Reception, Edmonton
4:30 p.m.-6:30 p.m.
(for members of the Queen's Bench, Court of Appeal Bench of Alberta, and articling students)

14 June

Court House Reception, Calgary
4:30 p.m.-6:30 p.m.
(for members of the Queen's Bench, Court of Appeal Bench of Alberta, and articling students)

School of Business Alumni Association

For information contact the School of Business at (780) 492-4083.

26 April

Canadian Business Leader Awards
Shaw Conference Centre, Edmonton

10 May

Business Alumni Association
Luncheon, Edmonton

30 May

Business Alumni Association AGM
Alumni House

4 June

Convocation Breakfast

8 June

First Annual Calgary Business
Alumni Golf Tournament
Wintergreen Golf Course
Contact: Jason Towes at jtowes@taftech.com

Dental Alumni Association

24 May

Members Reception
ADA Conference
Jasper Park Lodge

7 June

Convocation Breakfast

Library and Information Studies Alumni Association

2 June

Alumni Reunion Dinner
(honouring 1969-76 grads)
Saskatchewan Room, Faculty Club
Contact: Sophia Sherman (780)
492-4578 or slis@ualberta.ca

Medical Alumni Association

7 June

Convocation Breakfast

Mixed Chorus Alumni Association

31 March

Annual Dinner & AGM and Post-Concert Reception
5:30 p.m. to 7:30 p.m.
Four Rooms, Edmonton Centre

31 March

Mixed Chorus Concert and Reception
Winspear Centre, Edmonton
Tickets available at the Office of Alumni Affairs (780) 492-2896

Native Studies Alumni Association

April 6

Luncheon & Reunion, School of Native Studies
11:30 a.m.
Contact: Anna Ryding
(780) 492-4330

Nursing Alumni Association

11 June

Convocation Breakfast



Physician to the astronauts

Douglas Hamilton is lost in space—and loving it.

By Rick Pilger

Douglas Hamilton '80 BSc(Eng), '84 MSc, remembers the book that changed his life. It wasn't a motivational opus or an inspirational biography. It was a big, thick textbook—more than a 1,000 pages long—for an advanced medical physiology course.

"I just dove into it. I read it twice, and I loved it," recalls Hamilton, who is now a NASA flight surgeon.

As a member of the medical staff associated with manned space missions (he officially works for a contractor known as Wyle Life Sciences of Houston, Texas), Hamilton works closely with the astronauts. As a space mission prepares to launch, he lives in crew quarters with the astronauts, monitoring their health. On launch day he accompanies them to the orbiter. Once the door closes, he will either sit in the firing room or with the fire safety crew in their trucks until the mission is safely launched.

While the mission is in space, he takes part in daily medical conferences with the crew. (The NASA physicians have a private link to the astronauts to preserve the sanctity of the patient-doctor relationship.) When the mission returns to earth, Hamilton and his col-

leagues are usually first in the hatch to check the astronauts' health. In between missions, Hamilton helps train crews, and develops and fine-tunes medical procedures.

While Hamilton, who grew up in Calgary, had an early interest in space exploration, his interest in medicine is more recent. In high school he had managed to completely avoid biology courses. "My world was math, chemistry, and physics," he recalls. "I didn't have much use for the life sciences at that time—I didn't even know what a cell was."

As an electrical engineering student at the University of Alberta, Hamilton eventually found himself involved with the work being done by electrical engineering professor John Tulip, who was developing carbon-dioxide lasers for use in surgery. Hamilton helped address the challenge of making the lasers suitable for the sterile environment of the operating room, and that's when he discovered the book that would change his life.

"It was fascinating because the human body is one huge, incredible, complex, negative feedback and control system."



Realizing that he "had to learn the lingo of these physicians," Hamilton managed to get himself enrolled in Physiology 410 and found the course—and the weighty textbook—completely engrossing. "It was fascinating because the human body is one huge, incredible, complex, negative feedback and control system," recalls Hamilton.

After earning his master's degree from the U of A, Hamilton went to the University of Calgary to set up the academic computing system for the Faculty of Medicine. While there, he was inspired to continue his studies and ended up being one of the first graduates of Calgary's joint MD-PhD program.

In 1992, Hamilton was chosen as one of the 20 finalists (out of 5,300 applicants) in the Canadian Space Agency's astronaut selection process. While he didn't make it into space himself, qualifying as an astronaut candidate was an "incredible experience," he says, and one that opened many doors—including the one he faced in 1996 when he applied to become an international flight surgeon for NASA.

Perhaps Hamilton's greatest asset is his tenacity. He applied three times to medical school before he was accepted, and he keeps a thick folder of the replies he has received in response to all the applications and proposals he has made—a folder in which rejections outnumber acceptances by twenty to one.

Hamilton, who can remember taking his parents new Admiral colour television set to pieces as a child, has always enjoyed tinkering and has a number of inventions to his credit. They include a special sound-and-motion-activated

toilet seat for children with cerebral palsy and a drill capable of taking tissue samples from a beating heart. He's also developed a technique for photographing fingerprints for the RCMP.

Hamilton is currently turning his ingenuity to developing medical hardware and technology for the international space station, a project which he calls one of the most amazing technological feats in the world. "Here we have most of the modern, advanced nations of the world getting together and cooperating to build a new home, if you will, for mankind outside the earth," he says, proud to be a part of it, thankful for the trail that began as a result of that U of A textbook. ■

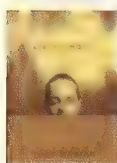


bookmarks

Undertaking Qualitative Research

J. Peter Rothe, '71 BEd,
'75 Dip(Ed), '76 MEd

This informative book introduces readers to the theory and practice of qualitative research. It outlines the rationale and major orientations, and it also explores fieldwork: how to collect, analyze, and present data in an ethical manner. (University of Alberta Press)



Choke Hold

Todd Babiak '95 BA

Babiak's novel tells the coming-of-age tale of a young man torn between the need to defend himself and the desire to stop fighting. Author Bill Gaston writes, "In Todd Babiak, Canada has a refreshingly honest and intimate new voice." (Turnstone Press)

The Minor Keys: A Romantic Comedy

David Belke, '83 BEd

Belke, an award-winning Edmonton playwright, says *The Minor Keys* was "born of one part inspiration and many parts of forethought and afterthought." This play is about incredibly normal characters with small dreams and quiet ambitions and was first produced by Shadow Theatre, where Belke is the resident playwright and designer. (Newest Press)



Niddrie of the North-West: Memoirs of a Pioneer Canadian Missionary

John W. Niddrie, John W. Chalmers, '32 Dip(Ed), '35 MA, '41 MEd, '90 MA, and John J. Chalmers, '61 BEd, '69 Dip(Ed), '72 MEd

This book reveals the lively social dynamics of Canada's early years. It tells about the adventures of Niddrie, a Methodist missionary, who came to Canada as a young man and settled in Alberta. His memoir is highlighted with more than 60 period photographs. (University of Alberta Press)



The Magnificent Piano Recital

Marilynn Reynolds (Lloyd), '61 BA

Reynolds is the author of *Belle's Journey*, *The New Land*, and other stories inspired from family tales and her own childhood. In her most recent book, she tells the story of how Arabella and her mother, who are both considered too exotic for the folk in their sawmill town, use the power of music to melt even the coldest of hearts. (Orca Book Publishers)



Persistence of Double Vision: Essays on Clint Eastwood

William Beard, '67 BA

Beard, an associate professor in film studies at the U of A, has written this detailed examination of Clint Eastwood's unique position as a cinematic icon and creative filmmaker. Through readings of many individual films, Beard explains the charismatic qualities of the Eastwood figure. (University of Alberta Press)



Vanilla and other stories

Candas Jane Dorsey, '75 BA

This is a collection of 25-years worth of mainstream and slipstream short fiction by award-winning Dorsey, who is internationally known for her contribution to the literature of the fantastic. Written in Dorsey's distinctive spare prose, her stories examine individuals' relationships to themselves, each other, and the landscape through which they move. (Newest Press)



The ABC of the ER

Vincent Hanlon, '82 MD

From Airway to Zygoma, *The ABC of the ER* captures the essence of work in the ER—life and death, blood and guts, boredom and the horror. This audio CD records 26 stories with one to five voices and comes with an accompanying 56-page colour book that combines the text with photographs. Visit the Web site storefront at www.abc-er.com. (Night Shift Productions)



Bugs of Alberta

John Acorn, '80 BSc, '88 MSc
Ian Sheldon, '99 MSc

Did you know that Alberta has about 20,000 species of bugs? Acorn with his descriptive text and Sheldon with his colourful, life-like illustrations have put together this comprehensive text that provides detailed information on 125 species that can be found crawling around Alberta. (Lone Pine)



Dying by Degrees

Eileen Coughlan, '89 BA

First-time author Coughlan has written a mystery about something sinister happening at the University of Southwestern Alberta. The first in a series, it introduces Coughlan's protagonist Emily Goodstriker. (Raven Stone)

Sunrise Over Pangnirtung: The Story of Otto Schaefer, M.D.



Gerald W. Hankins, '41 BSc, '51 MD

This is the story of Dr. Otto Schaefer, a pioneer of health care for the Inuit, who spent 32 years working in Northern Canada. Why did Hankins write this book? "Otto Schaefer's work brought the dawn of a new day for health care in the North ..." (The Arctic Institute of North America)

The Words of My Roaring

Robert Kroetsch, '48 BA, '97 DLitt (Honorary)

Originally published in 1969, this newly typeset edition brings this classic to a new generation of readers. This novel tells the tall tale of one man's quest to realize the fullness of himself. (Raincoast Books)

PhotoGraphic Encounters: The Edges and Edginess of Reading Prose Pictures and Visual Fictions

W.F. Garrett-Petts, '92 PhD,
and Donald Lawrence

This book discusses Canadian writers like Margaret Atwood and Canadian artists like Fred Douglas and Michael Snow to offer a compelling perspective on questions of literacy in a postmodern culture. (University of Alberta Press)



classnotes

'43 Marguerite Ritchie, BA, '43 LLB, '75 LLD (Honorary), founder and president of the Human Rights Institute of Canada, was appointed a member of the Order of Canada in November 2000. Marguerite lives in Ottawa.

'47 Wanda Young, BEd, of Saskatoon, went on to receive her PhD from Michigan State U in 1977. Wanda spends the cold winter months south of the border in Massachusetts.

'48 Barbara Bromley (Strong), was recently named to the Order of Canada for her strong commitment to the community. Bromley is the founding member and the director of the Yellowknife Association of Concerned Citizens for Seniors.

Guiseppi Filippelli, '46 BSc, of Vancouver, was recently inducted into the Canadian Aquatic Hall of Fame. Guiseppi, known to his friends as "Flip," is one of Canada's top swimming officials and has officiated at World Championships (both long and short course), Pan AM Games, Commonwealth Games, and Olympic Games. This recent honour is one of many for Guiseppi, who has also been inducted into the B.C. Swimming Hall of Fame and named an honorary member of Swimming Canada—only the second person to receive such an elite status. (The first was E. Allan Harvey of Vancouver.) Guiseppi, who was a swimming judge at the 2000 Olympic Games in Sydney, Australia, says he is getting ready to enter a new phase of his life: retirement.



'52 Richard MacDonald, MD, of Magalia, California, was recently elected president of the World Federation of Right-to-Die Societies at a World Conference on Assisted Dying, held in September 2000 in Boston. Richard is also the medical director of the Hemlock Society USA.

'54 Allan Bell, BA, '55 BEd, '67 MEd, was elected vice-president and western regional councillor of the Canadian College of Teachers. After graduating from the U of A, Allan became a teacher with the Edmonton Public School Board, where he taught music, art, and English at various schools. He retired in 1987, but remains active in the community.



'56 Bohdan Kuzyk, DDS, of Edmonton, was recently awarded a life membership in the American Society of Dentistry for Children at the Society's annual congress in San Antonio, Texas.

'61 Charles Crawford, BA, '64 MSc, writes that 2000 was an eventful year for him and his wife, **Carol Crawford (Moncrieff)**, '61 BSc(MedLabSci). Carol, a supervisor of the food microbiology laboratory of the Canadian Food Inspection Agency in Burnaby, B.C., received a Western Area Recognition Award for her "superb knowledge and expertise in food microbiology, contribution to the field of health protection and food control, and facilitating the relationship with the B.C. Centre for Disease Control." Charles, a psychology professor at Simon Fraser U, was honoured with the Dean of Arts Silver Medal for his contributions to research, teaching, and service to Simon Fraser. Charles was also elected a fellow of the American Psychological Society. Their daughter, Michelle, works at Human Resources Development Canada in Saskatoon, and their son, Sean, received his PhD from Oxford U.

'64 Irwin Woodrow, BSc, '71 MSc, and his wife, Corrine, have moved their business from Burnaby, B.C., to Toronto to be closer to their two children and three grandchildren.

'66 Fred Tippie, BA, is getting ready to slow down after a 35-year teaching career that started in 1963 in Black Diamond, Alberta, and also included stints in Vancouver and Calgary. In 1976 Fred and his wife, Bridget, settled in Kamloops, B.C. where they enjoy following their two sons' exploits and world adventures as snowboarders and extreme cyclists. Fred also has a passion for watercolour painting and markets his pieces in the Calgary area each



Shirley Stinson, '52 BSc(Nu), '53 Dip(Nu), the former associate dean for graduate education and research development in the nursing faculty at the U of A recently received the 2000 Ethel Johns Award from the Canadian Association of University Schools of Nursing for her "distinguished service to nursing education in Canada." It was mainly because of Shirley's strong leadership and influence that the University of Alberta launched a nursing master's program in 1975 and a doctoral program in 1991.

summer. Fred can still remember the cold winter morning walks he made to the old Education building at the end of Whyte Avenue when he was a student at the U of A.

'67 Wayne Ostermann, BSc(Eng), of Flower Mound, Texas, works for Pratt & Whitney Canada managing the

aircraft engine maintenance program for American Eagle Airlines.

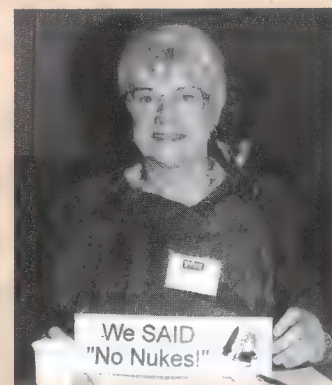
'69 Rodney Clifton, BEd, '71 MEd, was honoured with a Distinguished Researcher Award from the Canadian Society for the Study of Higher Education. An education professor and a fellow at St. John's College, U of Manitoba, Ron has published more than 90 articles and five books and monographs.

'70 Gary Sargent, BSc(Ag), received the Alberta Cattle Commission's 2001 Environmental Stewardship Award for his management of the Lazy J Ranch, located west of Calgary. Alvin manages his ranch using principles that support beef cattle production but also support wildlife habitat and water quality.

'71 Marlene Braithwaite, BA(RecAdmin), of Olds, Alberta, continues to enjoy being involved with several aspects of community development and music. "Also delight in my family, first granddaughter, and the anticipation of grandchild number two in the new year."

Frank Crowther, BEd, '72 MEd, of Toowoomba, Queensland, Australia, was recently awarded a personal professional chair at the U of Southern Queensland in recognition for his contributions to the study of educational leadership. Prior to moving Down Under, Frank worked for Alberta Education as a consultant, associate director of curriculum, director of curriculum, and director of the Edmonton Regional

Mary-Wynne Ashford, '60 BSc, '61 BEd, was recently presented with the City of Victoria's Honorary Citizen 2000 Award. Mary-Wynne was recognized for her international volunteer work on behalf of world peace, both as an individual and as the co-president of International Physicians for the Prevention of Nuclear War, the Nobel Peace prize winning organization. She was also lauded for her work as an author and lecturer on global issues, her involvement in the Canadian Disarmament Ambassador's Consultative Group, and her work as a peace delegate to Russia and India. Mary-Wynne is getting ready for a trip to North Korea in May 2001. The trip is a follow-up to her 1999 visit, when she led a delegation of IPPNW doctors to that country for the purpose of building bridges through health.



Office of Education from 1973 to 1986.

Donald Haldane, BSc, was named senior director of the Student Service Center, which includes the registrar's office and student accounts office, at Point Park College in Pittsburgh. Previously, Donald was principal of Cambridge College's campus in Red Deer, Alberta.

Louise Miller, BSc(Nu), '79 MBA, of Edmonton, was recently appointed a member of the Order of Canada.

'73 Glenn Cartwright, PhD, is a professor of education at Montreal's McGill U and was recently named the first associate dean, information technology and continuing education for McGill's Faculty of Education.

Nola Aitken, BEd, '78 Dip(Ed), '94 PhD, is an associate professor in the education faculty at the U of Lethbridge and the co-author (with Peter Knight and Bob Rogerson) of *Forever Better: Continuous Quality Improvement in Higher Education* (New Forums Press). Her husband, **Art Aitken**, '74 BEd, '80 MEd, is the superintendent for the Prairie Land School Division and is

Dennis Lee, '83 BSc(Ag), '86 MSc, of Beaumont, Alberta, recently started *Butterflies Beautiful*, the first butterfly supply business in Western Canada. Lee, an entomologist, rents and sells live butterflies for weddings or other special events. "It's much better than throwing rice at weddings, which is harmful to birds," says Dennis, who breeds the painted lady butterflies in a special laboratory using a formulated diet to support the healthy growth of the insects. Dennis reports that all the butterflies are raised with strict animal health guidelines to ensure their well-being. For more information, check out <http://members.home.net/butterfliesbeautiful>.



His company specializes in designing and developing instructional programs and documentation solutions for hardware and software hi-tech industries, especially in the fields of telecommunications and public utilities. With a growing client base in the U.S. and the U.K., David is more often on the road than at his Vancouver home. He would enjoy hearing from classmates via e-mail. He can be contacted at dlemiski@industrialbilling.com.

'82 Ken Howe, BMus, is the recent recipient of the 21st Annual City of Regina Writing Award and the John V. Hicks Award for Poetry. Ken's work has appeared in the *Malahat Review*, *Prairie Fire*, *Grain*, and *New Quarterly*. When he's not writing, Ken plays principal horn for the Regina Symphony Orchestra.

Michael Lamoureux, BSc, was promoted to full professor in July 2000 at the U of Calgary in the Department of Mathematics and Statistics.

'83 Hazel Corcoran, BA, is the executive director of the Canadian Worker Coop Federation, which promotes economic democracy by providing support for the development of worker cooperatives.

Diane Ewen, MA, returned to Canada in May 2000, after having taught English literature and composition for eight months at the College of the Bahamas in Nassau.

'84 Pearl Anjanee Gyan, MEd, received her PhD in 1998 from the U of San Diego, where she wrote her dissertation on the pedagogical methods of Hindu gurus. Pearl, who teaches at Forestburg School in Forestburg, Alberta, has plans to retire from teaching this year. "Warmer climates seem attractive."

Scott Kashuba, BSc, '85 Cert(Sc), '90 MA, '94 MBA, of Edmonton, has joined TurnKey Management Consulting of Edmonton as a senior consultant after serving 16 years with the RCMP.

Tammy Long, BEd, of Lindsay, Ontario, has been teaching French to Grades 4, 5, and 6 students for the past 11 years. "I recently bought a new home and am excited about the move."

'85 Lyall Thomson, MEd, '76 BEd, of Innisfail, Alberta was appointed superintendent for Alberta's Rocky View School Board in February. He previously worked 10 years with Chinook's Edge School Division.

completing his doctorate in education administration at the U of Montana.

'76 Darlene Garnier, BEd, '92 MEd, '96 EdD, of Calgary, is the principal administrator of foundations for the Future Charter Academy.

'77 Dean Chiasson, BMed, '79 MD, is finishing his MA in Jewish studies at the Graduate Theological Union (GTU) in Berkeley, California, and will graduate this spring. He has also started working on a PhD program in Jewish studies jointly offered by GTU and the U of California. Dean's interest

is in the Hebrew Bible—what can be discerned from it and the historical and cultural milieu in which it was written. "With luck and hard work, this degree should take no more than five years to complete."

'78 Frank Kobie, MBA, of Edmonton, was recently appointed chair of the board of regents at Concordia U College of Alberta.

'79 Helen Duff (Lyle), BPE, passes warm greetings to all her classmates. Helen would like to inform alumni who are travelling to Australia that if they are seeking a cottage retreat in the hills in SE Queensland, she would, at any time, be happy to accommodate them "at a very reduced rate." Anyone who is interested can e-mail Helen at duffah@uq.net.au.

Stephanie Langley, BSc(HEC), was appointed registrar of the Institute of Chartered Accountants of British Columbia in October 2000. Previously, Stephanie worked as an admissions officer for the Institute, and before that she was a student affairs officer for the dean's office in the Faculty of Medicine at UBC. Stephanie lives in Vancouver with her husband, two sons, and the family pet, a Labrador dog. Classmates can contact her at langley@ica.bc.ca.

'81 Catherine Page (Hotke), BMed, '83 MD, of Edmonton, has added a fifth child to her family—Marie Patricia Grace, a six-year-old orphaned girl from Haiti. "She is a beautiful addition to our family," says Catherine, who wants alumni to know that they can donate medical or other equipment to her mission trips to Haiti. Contact her at don@phys.ualberta.ca.

David Lemiski, BA, '84 BEd, '00 MEd, operates his own firm, Industrial Billing Concepts, located in Vancouver.



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'86 Pamela Branch, BA, '90 BCom, is a senior consultant and managing director at Project Services International in Ottawa.

Tracy Fata (Sorochan), BSc, is a property underwriter for the Portage Mutual Insurance Company in Edmonton. "Happily married for 10 years with two children."

Leila Gosselin, BA, '89 LLB, is with the City of Calgary as a barrister, solicitor, and chartered mediator. She is also an instructor for the Alberta Arbitration and Mediation Society.

Paul Pallister, BSc, '88 BEd, and his wife **Laura Pallister (Rahal)**, '90 BEd, have returned to teach in Sherwood Park, Alberta, after spending three years teaching at the Casablanca American School in Morocco. Both are working on their master's degrees and looking forward to future overseas teaching experiences.

Shauna Stanyer (Heddleston), BA, '88 BEd, of Port Coquitlam, B.C., is a part-time high school teacher. Shauna has become an avid runner, completing two marathons and several half marathons. She is married and has a

three-year-old daughter.

'87 Steve Mandziuk, BA, '91 LLB, '96 MA, of Edmonton and **Wanda Fawcett**, '88 BA, '91 LLB, recently welcomed the birth of their first child, Madalyn. Both are lawyers in Edmonton.

Leanne Sim, BCom, of Edmonton, is "thrilled" to be working at the U of A as the development and alumni relations officer for the Faculty of Engineering. She is still active with the Delta Gamma Fraternity and is the Edmonton alumnae chapter president. "Hope to hear from old friends, e-mail

me at leanne.sim@ualberta.ca."

'88 Shyuan Choo, BSc, of Singapore, recently completed her master's degree in human resource management at the Curtin U of Technology in Australia.

Del Elgersma, BA, was elected president of the Saanich Peninsula Chamber of Commerce for 2001. Del is a partner in a business and estate planning law practice in Sidney, B.C., where he lives with his wife, Karen, who is a Victoria TV reporter, and their six-year-old daughter.

off the beaten path

Lorne Cardinal, '93 BFA, was a mature student in the Faculty of Education at the University of Alberta, when he got "the bug."

Cardinal was choosing courses when he noticed an introduction to acting class. "Easy credits," says Cardinal with a smug chuckle as he recalls his initial attraction to the course. As he enjoys the memory, his laugh fades to a silence, which he breaks by saying, quite seriously, "But I got the bug."

He caught the bug—acting—not long after he started his first acting class. "I was so comfortable on-stage, even though I was nervous," he says. It was enough to lead him to change his life's direction. He applied and, after two years, was accepted into the hard-to-get-into BFA drama program. (Only 12 students are accepted each year.) Looking back, Cardinal calls the program, "the best three years I could have given myself."

Once he graduated, Cardinal continued to make Edmonton his home. But his work took him to a variety of locations, such as Colorado, where he appeared in the Denver Arts Center's 1993 production of *Black Elk Speaks*.

Besides his theatre work, Cardinal has appeared in several movies—including a starring role in the 1997 ABC movie *Out of Nowhere*. He also

became a familiar face on television, appearing as Moses Lefthand, a regular on the *Jake and the Kid* TV series and as Daneil Dééka, a recurring role on *North of 60*.

This was all before 1998 and Cardinal's move to Toronto to seek greater career opportunities. Good call. Since then, he has kept busy with more movies (*In the Blue Ground*, *The Strange Case of Bunny Weequod*), television shows (he's a series regular, Gabriel, in *The City*), and a

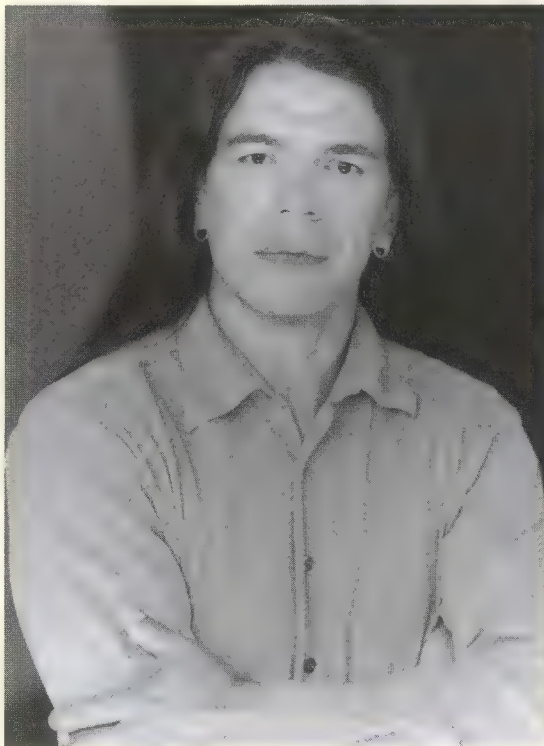
string of theatre productions. Cardinal also played the role of Little Bad Man in the 1999 CBC mini-series *Big Bear*, which he says was one of his most memorable experiences to date.

More recently, Cardinal played Tecumseh, a Shawnee political leader and war chief, in the fifth episode of CBC's \$25-million, 30-hour documentary *Canada: A People's History*. He is now getting ready to head off to Halifax, where he will play the role of Bug, a morphine addict and ex-con, in the theatre production of *Highlife*.

Although Cardinal continues to seek out new, challenging roles, he hasn't ruled out directing, or even possibly screenwriting. But that's more of a future plan. Right now, he's interested in perfecting his craft and learning from fellow actors.

Cardinal says, he doesn't mind playing mostly Native roles. "That's who I am—a Cree man from Alberta." But, he would like to break the stereotype, he says, noting that a few years back he played Tybalt and Friar Lawrence in a multicultural version of Shakespeare's *Romeo and Juliet*. "It is do-able," he says, with such strong conviction that one gets the impression that, if it is to be done, Cardinal will be the one to do it.

—J. Litwin



Guy Krepps, BSc(Eng), has relocated to Bogata, Columbia, with his family, and has accepted a position with Ocesa as the company's supervisor of technical services.

Scott Smith, BSc, is living and working in Peru. He moved there last year when he started working at Antamina Mine (a joint venture with three Canadian mining companies) as a mine geologist. "Antamina is located approximately 270-km north of Lima in the Andes Mountains," writes Scott, who is enjoying Peruvian culture and travelling throughout South America.

'89 Sean Van Liempt, BSc, is completing his mid-career master's in public administration at the Kennedy School of Government at Harvard U.

Suzanne McClung, BSc(HEC), moved to the Denver area with her husband Jeff Lamontagne in June 2000. In September, they celebrated the birth of their first child, Abraham. "Mom, Dad, and Baby are doing great."

Tracy Simons (Stein), BCom, is the manager of operations at the College of Physicians and Surgeons of Alberta. Her husband, **Phil Simons**, '90 BA, is a multimedia producer at Christie Communications. Tracy and Phil celebrated the birth of their second son in March 2000.

'90 Jacqueline Craig, BA, finished her MA in archeology at Otago U in New Zealand, and then spent five years working and enjoying the lifestyle as a contract archeologist in Sydney, Australia. "I'm now back in New Zealand with my Kiwi husband and starting on a PhD at Auckland U."

Christopher Robbins, BCom, of Toronto, is the director of finance at Rogers AT&T Wireless.

'91 Susan Burwash, MSc, '79 Dip(RehabMed), '74 BA, is teaching at Texas Tech U in Lubbock, Texas, where she is the program director for the occupational therapy program. Susan is also a PhD student in organizational learning and instructional technology at the U of New Mexico and spends three days a week in Albuquerque. "I enjoy being able to spend time in the mountains and visit the art galleries of Santa Fe."

Wallace Lee, BSc, '92 Dip(Sc), is an air and noise consultant for KMC Environmental Inc. in Boston. "I rent an apartment near Harvard Square."

Tracy Heron, BSc(HEC), '94 MSc, moved to Nova Scotia to teach at St. Francis Xavier U in Antigonish, "one of the best things I have ever done." She then returned to teach at the U of A for one term, and in 1992 she joined PriceWaterhouseCoopers. Tracy has travelled to Belize and Jamaica on diving holidays and is interested in hearing about great places to dive. Classmates can reach her at tracydheron@yahoo.com.

David Nelson, BSc, is back at the

U of A to study kinesiology. Previously, he worked for Transport Canada and NAV Canada as a flight service specialist. "I worked in the exotic locations of Grande Prairie, Dawson City, Inuvik, and just recently in Lloydminster." While in Inuvik, David worked as a volunteer firefighter, and reached the rank of lieutenant before being transferred to Lloydminster. David is glad to be back in Edmonton. "What are the rest of you meteorology grads doing these days?"

Jane Flower, '91 BA, '94 MA, of Calgary, is the president of Quaddro, the e-strategy and e-marking consulting division of Axia Netmedia. Jane's experience testifies to the merits of a liberal arts degree. She has taken her broad educational background and applied it to becoming a leading expert in the field of Internet and multimedia technology as

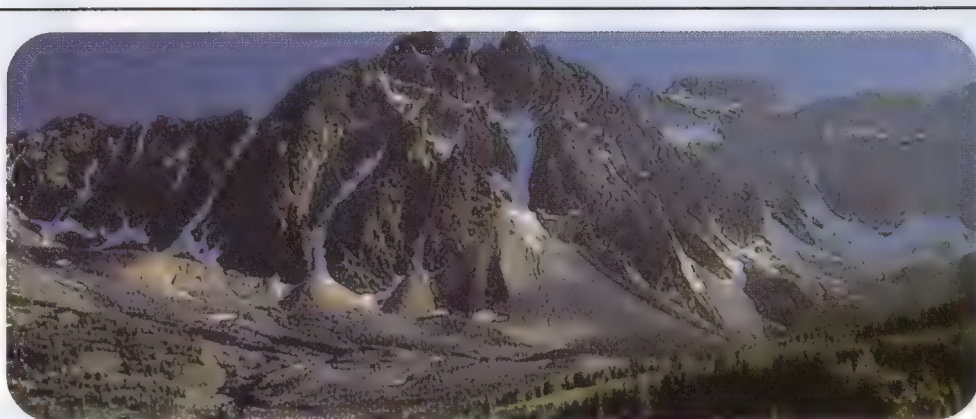


integrated components of strategic marketing and e-business initiatives for leading Canadian companies. "What I learned was the ability to adapt, and the ability to learn—this is critical," she says. Known for her never-say-die attitude towards getting things done, Jane has managed to find time to further her schooling and this May will receive an MBA from Queen's U.

'92 Frank Alena, PhD, of Peachtree City, Georgia, recently joined the faculty at Emory U in Atlanta as an instructor in family and preventive medicine.

Ian McDougall, BA, of Edmonton completed his journalism degree from Washington State U in 1994. After graduating, he accepted an internship with the Canadian Press Bureau in Edmonton. When his internship was finished, Ian spent two years at the *Medicine Hat News* before he joined the *Edmonton Sun* news team in 1997. Ian was awarded an Edward Dunlop Award for investigative journalism in 1999 and was also named the *Edmonton Sun's* reporter of the year. Ian is currently the president of the Edmonton Chapter of the Canadian Association of Journalists.

Dale Whiteman, BSc(Eng), '95 MEng, relocated to Calgary in 1995 to work with Smith International, an oilfield service and supply company. He spent his first year mostly working in Italy and Houston. In 2000 he relocated to Muscat, Oman, and later that same year was transferred to Kuala Lumpur,



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SCRAPBOOK



1. Alumni celebrate the season at the Vancouver Alumni Branch Christmas Brunch held on 10 December at the Royal Vancouver Yacht Club.

2. U of A alumni in Phoenix, Arizona, find time to keep in touch at an alumni reception held on 3 March

3. Members of the organizing committee for the Hong Kong Alberta Homecoming Dinner pictured with the University's president, **Rod Fraser**, '61 BA, '63 MA, (fourth from the right). The dinner was held on 25 November.

4. Birds of a feather—pharmacy alumni—pose together at the Vancouver Christmas event.

5. U of A alumni cheer on the University's Golden Bears hockey team as they take on the University of Manitoba Bisons at an event held on 3 February in Winnipeg.

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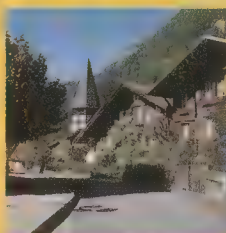
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still working with Smith but on loan to Petronas. "I'm living in the Golden Triangle and working in one of the twin towers. Things are great, but missed the snow over Christmas."

'93 Katya Laviolette, BCom, of Montreal, recently moved from Canadian National to Bombardier Aerospace. In May, she was selected to participate in the Governor General's Canadian Study Conference 2000. She travelled to Manitoba and Nunavut to study the socio-economic issues in these areas.

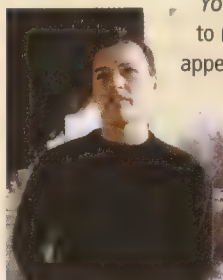
Shelley Pirnak, LIS, recently relocated to Springfield, Missouri, nestled in the heart of the Ozarks. Shelley works as a corporate research librarian for Nobel

& Associates, the number one food advertising and marketing agency in the U.S. "In my spare time I enjoy going down to Branson and Table Rock Lake to take in some bass fishing. So far I have caught one bass, one turtle, and two blue gills."

Bret Sinclair, BSc(Eng), writes that "after working for other people since graduation, I have taken matters into my own hands and started BMS Automation Systems Ltd. in Calgary." Bret fills his days with SCADA, HMI, and custom training creation. His evenings are spent with his wife and their two children. Friends can contact him at bretsinclair@bmsautomation.com.

Aries—think impact. Leos—drama. This is fashion advice from **Greg Polkosnik**, '94 BA, author of *Cosmically Chic: Discovering your Fashion Style Through Astrology* (American House Andrews McMeel Publishing). "Fashion is about self-expression, and in a chart the sun represents self expression," says Greg who tells people to go with their sun sign when picking a style. Already in its second print run, *Cosmically Chic*, has caught the fashion world's attention, and Greg's fashion forecasts and commentaries were recently featured in the *New*

York Post, the *National Post*, and *Glamour*—not to mention his dozens of radio and television appearances, with more on the way. And his book, which is already being sold in Brazil, is getting ready to enter other foreign markets. "It turned into what I wanted it to be," says Greg, a Capricorn who is enjoying the many opportunities his book is presenting. For information or astro-fashion advice visit Greg's Web site at <http://www.cosmicallychic.com/>.



In search of lost alumni—getting reconnected

Upon completing their degree, most U of A students can't wait to break out into the world and escape the confines of campus. But years later, flipping through an *Evergreen and Gold* yearbook or recalling times spent sipping coffee in the Tuck Shop—or something stronger at Deweys or RATT—they may wish to reconnect with classmates who shared in their University experience.

Such was the case when **Charles Nix**, '31 BSc, noticed the name of a former classmate **Sydney Sillitoe**, '31 BSc, '33 BSc, in *New Trail*. He wrote to the University to see if he could get contact information for Sillitoe.

His letter arrived at the desk of Karen Anderson, a systems control clerk who works with the alumni records. Because of the University's strict confidentiality policy, Anderson didn't give out Sillitoe's address or phone number but sent him a message that Nix was trying to reach him. When she reached Nix to let him know about her progress, the first thing he asked was, "Is he still alive?" It's usually the first question our older grads ask," she says.

Nix did hear from Sillitoe. "He's not doing too well right now—he's in his

90s, too—but he remembered me after almost 70 years and it was terrific to hear from him. I really appreciate that the University helped me to find him," said Nix.

Anderson, who admits it's hard not getting personally involved, was ecstatic when she found out that these two 90-year-olds had connected. "When you start a search, you are really hoping that you can reunite alumni."

Long-lost love stories are the hardest, says Julie Midgley, acting senior systems control clerk. Recently Midgley received an e-mail from an alumnus, who had

lost contact with a girl from

one of his classes. "When I get something like this, I hope that when I find her, she's thinking the same thing," says Midgley, a self-admitted romantic.

There have also been some sticky situations. Anderson recalls the time she received a request from a married alumnus looking for a former girlfriend. The sticky part: he sent his request via e-mail, the same e-mail he shared with his wife, who, as Anderson later found out, was not supposed to be in on the search. However, these types of incidents are rare, says Anderson.

Another way alumni can find former classmates is through the Alumni Association's Online Community. "By simply joining, alumni can register in the alumni directory and see if their friends have signed up," says **Winston Pei**, '94 BA, services coordinator in the Office of Alumni Affairs. "Then an e-mail is just a click away." Pei points alumni to the Web site www.ualberta.ca/alumni to help stay connected.



The systems control team (pictured clockwise from top left): Jill Tanaka, Karen Anderson, Julie Midgley, and Lori Bennett (senior prospect researcher).

Siemens, U of A Photoservices

2001 inductees into the University of Alberta's Sports Wall of Fame

■ **Wendy Carter (Clarkson)**, '89 BEd, was a world-class badminton player, the winner of numerous international, national, and provincial titles in her sport. She was ranked the third best female player in 1978. After her professional career ended, Wendy went into coaching, and her influence continues to be evident in Canada's badminton programs.

■ **June McDonald (Jamison)**, '61 BPE, represented the University in three sports: golf, curling, and volleyball. June went on to win national titles in both golf and curling in 1966 and 1968. A strong supporter of the Edmonton community, June served many years as a fundraiser for various organizations, such as the Heart Fund and the Salvation Army.

■ **Frank Morris**, was an all-star athlete in hockey, baseball, and fastball, but is best known for his football career—and the 13 Grey Cup rings he accumulated. Frank joined the Golden Bears football team in 1959 as offensive and defensive line coordinator and spent six years building the team into a national contender. In 1981 he was awarded an honorary lifetime membership in the Canadian College Football Association.

■ **Bill Moores**, '72 BPE, spent 17 years coaching the Golden Bears hockey team and was named the Canada West Coach of the Year in 1980 and 1982. A talented hockey player, he played for both the Edmonton Oil Kings and the Golden Bears. Today, he is on the coaching staff of the Edmonton Oilers.

■ **Dalton Smarsh**, '76 BEd, played for the Golden Bears football team from 1972 until 1976. Dalton is the Golden Bears all-time leading rusher and is ranked fifth in the entire CIAU. After he graduated from the University, he worked for the

Edmonton Public School Board, where he served as a department head in physical education and coached a wide range of school sports, winning city championships in football, basketball, and athletics.

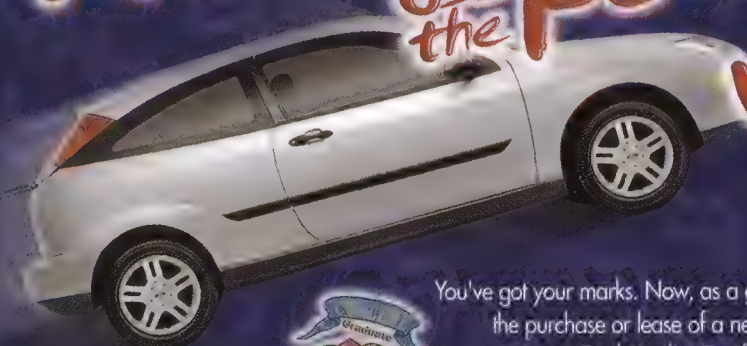


Bill Moores in the hub of the action at an Edmonton Oilers hockey game.

Photo courtesy of Gerry Thomas/Edmonton Oilers

The 16th annual Sports Wall of Fame dinner is scheduled for 3 April 2001 at Edmonton's Shaw Conference Centre. For further information or to order tickets, contact Natalie in the Department of Physical Education and Recreation at (780) 492-3893.

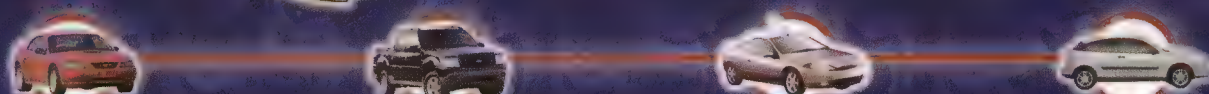
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off the beaten path

Marlyn Roberts, MLIS, '81 BA, is enjoying "California living." She has recently started a new job working as a children's librarian with the Torrance Public Library in Torrance, California.

'94 Mateo Ayala, BA, writes, "Hello to all my U of A comrades from Rangoon, of all places. I'm pretty sure my creditors won't find me here." After stops in Ottawa, Montreal, Texas, Calgary, and Argentina, Mateo is now stationed in Southeast Asia, working at the U.S. embassy in Burma. Recently married, Mateo and his wife are looking forward to a lifetime of globe-trotting. "Life is anything but dull." Classmates can contact Mateo at bohologo@hotmail.com.

Sally Ito, MA, is moving to Winnipeg with her husband, **Paul Dyck**, '91 BEd, '93 MA, who has been hired as a professor of English at the new Canadian Mennonite U.

Kelly Harrison-Miles, BSc(OT), spent an adventurous year working as a travelling occupational therapist in Kansas, Missouri, and Florida, before moving to Stettler, Alberta, to start up occupational therapy services at the local Health Centre. In December 2000, she started a new position with the Clearview School Division. Kelly married her long-time sweetheart, Colby Mills, in Jamaica. "We are enjoying the farm life in the Stettler area. Friends from OT are welcome anytime."

John McLeod, LLB, returned to Canada with his wife, Sarah, and their daughter, Ellie, after having lived in England for the past three years.

Atma Persad, BSc(PT), reports that 2000 was a busy, exciting year. In May he received his Doctor of Medicine degree from UBC, and then in June he got married to Karen Ford, a classmate from med school. "We honeymooned in Spain and Portugal before returning back to Vancouver to start our residencies." Atma is at St. Paul's Hospital.

Denis Rajotte, BCom, '97 LLB, has accepted a position in the mergers and acquisitions department of Shearman & Sterling in New York. Previously, Denis was at Bennett Jones LLP in Calgary.

Krista Singleton-Cabbage, BA, was awarded a PhD in international environmental law from the U of Queensland in Brisbane, Australia. She

Amanda Mabillard, '96 BA, is not someone you would want to challenge to a Shakespeare trivia contest. Mabillard, who can rattle off detailed information about the man—like how many words are in the vocabulary of his plays (29,066)—is the owner, creator, and the operator of the Web site www.Shakespeare-Online.com, which recently won a Golden Web Award from the International Association of Web Masters and Designers.

That's not the only recognition Mabillard's site has received lately. It made *Access Magazine's* best sites of the year for 2000, receiving the highest possible rating. And it's currently the number-one listed source for Shakespeare on *Yahoo.com*.

With three million hits a month—that's about 70 a minute—Mabillard's site provides Web surfers with a comprehensive guide to the Bard of Avon. It includes everything from details about Shakespeare's personal life to detailed plot synopses of his plays. There are book reviews, essays, contemporary versions of sonnets, as well as historical information and a growing FAQ list that, if it were printed, would fill more than 70 sheets of paper.

Mabillard, who says she can't count the number of times she's read *Macbeth*—her favourite Shakespeare play—officially launched the

site in September 1999, after an intensive eight-month period of researching and writing. Prior to that, like many recent graduates, she was trying to find her place in the working world. What she discovered during her just-out-of-university phase, she says, was that she had a knack for designing Web pages. Mabillard had some experience with HTML and JavaScript—her first year at the U of A was in computing sciences—but the rest she learned online. "It's amazing," she says. "Everything you need to know is on the Internet." Mabillard also had a strong interest in Shakespeare, her "absolute love in English." Deciding to combine the two, Mabillard wasted no time and got to work on what is now www.ShakespeareOnline.com.

Operating the site is a full-time job for Mabillard whose goal is to make it "the ultimate resource on Shakespeare." Working from the comfort of an office in her condo apartment, Mabillard updates the site weekly with new features, e-mail responses, and the interesting tidbits she is continually uncovering. Mabillard also

has a contract to look after the Shakespeare forum on the seventh largest Web property, *About.com*. If that is not enough, she prepares a "Shakespeare Quote of the Day" newsletter, which she sends via e-mail to about 3,000 people. And she has plans for a book—on Shakespeare, of course.

Her career isn't even close to anything she ever imagined when she received her U of A honours English degree, "I actually thought I would stay in graduate school." Of her e-business experience, she says, "Right from the start, it's been exciting all the way through."

A self-starter, Mabillard has advice for other graduates with general arts or sciences degrees. "Don't be afraid to use your degree in creative ways." Her proof is only a click away.

—J. Litwin



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works for the Australian Department of the Environment and Heritage as a senior officer in the field of environment industries and lives in Canberra with her husband, Sean.

Shane Smith, BSc(MedLabSci), is now living in Minnesota. "I have followed my dream and moved to Northern Minnesota to study the mating habits

of the American Dung Beetle."

'95 Shane Rivet, BA(NativeSt), of Edmonton, runs his own business, Rivet Business Services, which he reports has been responsible for pumping millions of dollars into Western Canada's Aboriginal business community via the Procurement Strategy for Aboriginal Business

Program. Shane is also vice-president for the Native Studies Alumni Association.

Analea Wayne, BA, '98 LLB, recently married **Craig Fryzuk**, '97 BCom, in Las Vegas. Analea is at the law firm Russell & Company, in personal injury litigation, and Craig is involved in corporate insolvency at Deloitte & Touche Inc. They live in Sherwood Park, Alberta.

IN MEMORIAM

The Alumni Association notes with sorrow the passing of the following graduates:

'22 Dorothy May Stephenson (Diller), BA, '23 MA, of Edmonton in January '01

'24 Constance Conroy Dickens (Gerrie), BA, of Don Mills, Ontario, in October '00

'26 Donald Walter Thomson, LLB, '70 LLD (Honorary), of Ottawa, in January '01

'27 Mary Ernestine Whitney, BA, of Red Deer, in January '01

'31 Majorie Meyer (Fell), Dip(Nu), of Calgary, in December '00

Maurice Forgie Teskey, MSc, of Victoria, B.C., in December '00

'33 Kathleen May Graham (Jolly), Dip(Nu), of Edmonton, in November '00

Mary Belkin, BA, '47 BEd, '47 MEd, of Calgary, in January '01

'34 Harold Harry Henker, Dip(Pharm), of Calgary, in January '01

'36 Barbara Ellen Adams, BA, of Kelowna, B.C., in November '00

'37 George Noel Cormack, BA, '44 MD, '60 BEd, of Edmonton, in November '00

Frederick George Day, BSc, '42 MD, of Sidney, B.C., in November '00

Margaret Elizabeth Hanna (McQuarrie), Dip(Nu), of Victoria, B.C., in June '00

'39 John W. Thomas, BSc(Eng), of Kamloops, B.C., in December '00

'40 William Fulton McEwen, BSc(Eng), of West Vancouver, in January '01

'41 Charles Kenneth Vogel, BA, of Vernon, B.C., in October '00

Paul Jean-Marie Chauvet, BA, of Edmonton, in December '99

'42 Dorothy Lyons Smith (Kaufman), Dip(PHNU), '58 BSc(Nu), of Edmonton, in November '00

George William Chornell, Dip(Pharm), of Edmonton, in January '01

'44 Torstein Olav Walhovd, DDS, of Penticton, B.C., in November '00

Norman Fraser Putnam, BSc(Ag), '46 MSc, of Victoria, B.C., in December '00

William Lutsky, BSc, of Edmonton, in January '01

'46 Evelyn Nora Joyce, Dip(Nu), of Edmonton, in October '00

'47 Elizabeth Leon Palate, Dip(Ed), '52 BEd, '60 MEd, of Edmonton, in November '00

Margaret Adelaide Walley (Jenkins), Dip(Nu), of Vancouver, in October '00

'48 Guy E.J. Beaudry, LLB, of Edmonton, in November '00

Alan Gresham Bray, BSc(Eng), of Dartmouth, Nova Scotia, in October '00

Ashton Maynard Patterson, BSc(Eng), of Victoria, B.C., in March '00

'49 James Alan Roper, BSc, of Adrossan, Alberta, in October '00

William Lionel Ingram, BSc(Eng), of Victoria, B.C., in August '00

Harold Ward Helm, BSc, '51 DDS, of Salt Spring Island, B.C., in July '00

John Thomas Burton, BSc, of Calgary, in December '00

John Edward Fitzsimmons, BSc(Ag), '51 MSc, of Edmonton, in September '00

John Graham Gordon, BA, of Pointe Au Baril Station, Ontario, in August '00

Arthur Magnus Larson, BSc(Ag), of Winnipeg, Manitoba, in August '00

Walter Lewis Boddy, BSc(Pharm), of Edmonton, in December '00

William Wright Virtue, BSc(Eng), of Ottawa, Ontario, in December '00

William Ramsay Broadfoot, BEd, of Talbertaer, Alberta, in May '99

'50 Andrew Wynnyk, BSc(Ag), of Edmonton, in November '00

Melbourne Ferguson Bradford, BSc(Eng), of Ottawa, Ontario, in December '00

James Sutherland Woods, BA, '51 LLB, of Calgary, in January '01

Ronald Hatton Umbach, BSc(Eng), of Calgary, in January '01

Albert John Goodjohn, BSc, '51 MSc, of Carlsbad, California, in December '00

Harry Oliver Lomnes, BEd, of Wetaskiwin, Alberta, in January '01

'51 John Thomas Joyce, BA, '52 LLB, of Edmonton, in November '00

Gordon Allan Henker, BSc(Pharm), of Calgary, in December '00

'52 Eileen H. Waterhouse (Cherwan), BSc, of Edmonton, in November '00

Mary Anita Tozer, BEd, of Kelowna, B.C., in July '00

Hugh Nuttycombe, Dip(Ed), '56 BEd, '58 MD, of Glendale, California, in January '00

'53 Helen Margaret Westbrook, Dip(Ed), of Edmonton, in January '01

'54 Catherine R. Morrish (Robertson), BEd, of Calgary, in December '00

'55 Julie Katherine Kozak (Bodnar), BSc, '74 Dip(Ed), '76 BSc, of Victoria, B.C., in August '00

'56 Gertrude Isalbertaelle Buss, BEd, of Calgary, in December '00

William Gordon Geddes, BSc(Eng), '62 LLB, of Edmonton, in January '01

'57 Paul Kunz, BEd, of Calgary, in November '00

Gordon Alan Deane, DDS, of Edmonton, in November '00

'58 Peter Wallace House, BSc(Eng), of Edmonton, in January '01

'60 Joan Moira Madsen, Dip(Nu), of Calgary, in February '01

'61 Paul Henry Karvellas, BSc(Eng), of Aurora, Colorado, in November '00

'63 Blanche Ludmila Siebert (Zeman), Dip(Nu), of Fort Saskatchewan, Alberta, in December '00

'66 Patrick Arthur Steeves, BEd, of Red Deer, in August '00

'66 A. Louise Mildred Nordin (Roper), BEd, '68 MEd, of Sherwood Park, Alberta, in October '00

Mike Kozmak, BEd, of Two Hills, Alberta, in August '00

Kenneth Arnold Heer, BSc(Eng), of Calgary, in January '01

Victor Lee, BSc(Eng), of Kingston, Ontario, in July '00

'67 Bernice Paulette Mahon (Belter), Dip(Nu), of Edson, Alberta, in December '00

Michael Chomyn, BA, of Calgary, in January '01

'68 Florence Gertrude Kibblewhite, BA, of Edmonton, in November '00

'70 Anne Olga Boychuk, BEd, '75 Dip(Ed), of Sherwood Park, Alberta, in December '00

Brian Walter Taylor, BEd, '78 PhD, of Fredericton, New Brunswick, in February '00

'71 Alwyn Denis Jenkins, BEd, of Edmonton, in November '00

Levis Anthony Brodeur, BEd, of Edmonton, in December '00

'71 Reginald John Skaret, BSc, '73 MD, of Palm Springs, California, in November '00

'73 Donna Jane Fraser, BEd, of New Westminster, B.C., in January '01

Bernadette Chaput, BLS, of Saint-Boniface, Manitoba, in September '00

Jody Norman Leclercq, BEd, of Hinton, Alberta, in May '00

Thomas Allan Kosinski, BCom, of Calgary, in January '01

'74 Frank Justus Paris, BEd, of Edmonton, in September '00

'75 Francis David Balfour, BA, of Calgary, in October '00

'76 John Godfrey Valckx, BA, '78 MA, of Jakarta, Indonesia, in October '00

'77 Shelley June Bean, BEd, of Edmonton, in November '00

'82 Darcy Wade Mountjoy, BA, of Edmonton, in January '01

'84 Reginald Christopher B. Lewis, BA, '87 MEd, '90 PhD, of Edmonton, in November '00

'86 Malcolm Alexander Ramsay, PhD, of Saskatoon, in May '00

'91 Judith Mary Gregg, BSc(Nu), of Edmonton, in November '00

Jack Doyle, BSc(OT), of Edmonton, in November '99

Kim Robert Caper, BA, of Edmonton, in January '01

Heber Jeffrey Keay, BEd, of High Prairie, Alberta, in February '01

'92 Donald Charles Goodfellow, BEd, of Morinville, Alberta, in October '00

Catherine Thyra Fyfe, BA, of St. Albert, Alberta, in January '01

Joanna Mary Pinto, MSc, of Lethbridge, Alberta, in January '01

'93 Christopher Ross Fleming, BPE, of Calgary, in November '00

'96 Elizabeth Rose Annie Arthurs (Ellis), BEd, of Edmonton, in October '00

Brenda Deborah Johnson (Gustman), BSc(Nu), of North Vancouver, in December '00

Michael Smith, DSc (Honorary), of Vancouver, in September '00

'00 Angela Ruth Sherwin, BSc, of Edmonton, in May '00

Zaheer Pyarali Champs, BSc, of Edmonton, in June '00

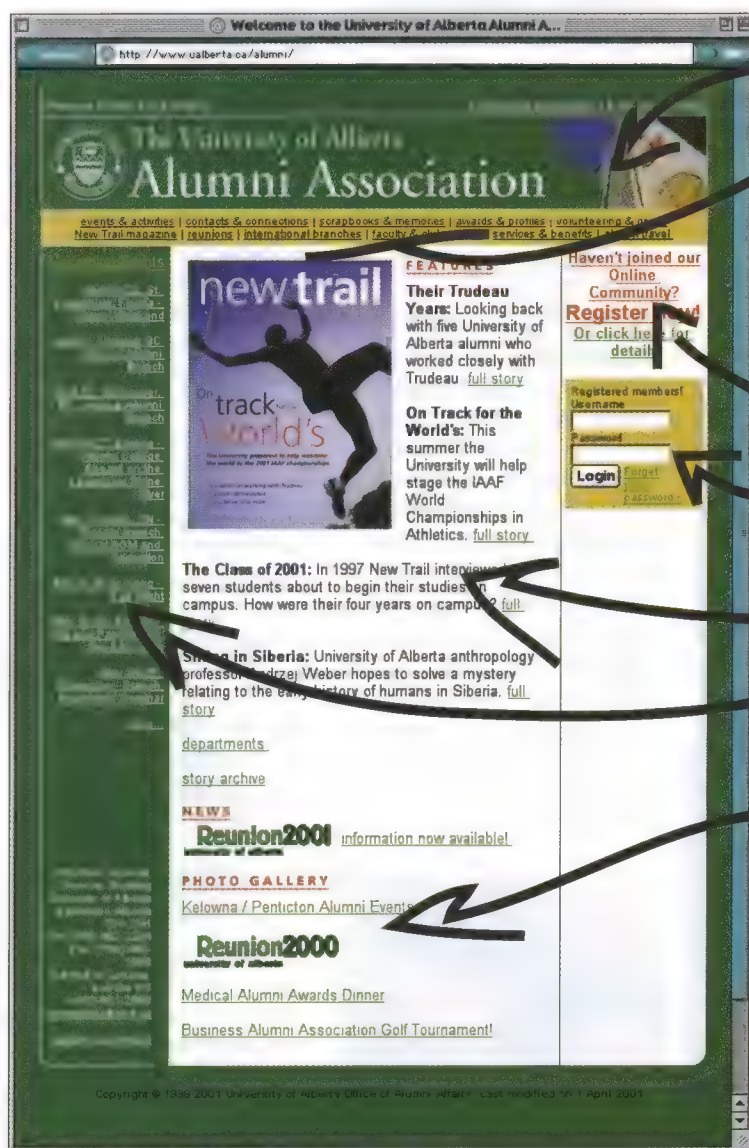
"Wonder whatever happened to Bob?"

"How is Caroline?"

**Have you checked
Online?**

"So what's Ling up to?"

"Have you got an e-mail address for Joshua?"



View the Alumni Calendar online!

Read memoirs by Derek Becher, '94 BEd, Jean Kadmon, '43 BA, and Adam Waldie, '48 MD! And tributes to Roy Davidson, '44 BA, Jack Masson, '43 MD, George Robertson, '50 BSc(Ag), and Taro Yoneda, '44 MD!

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Sonya Carel, BSc, writes, "After having lived four (very wet) years with my husband in an old converted school bus in Vancouver while both attending Grad School—I am happy to say that I have found shelter in my hometown of Minneapolis." Sonya recently left her job at the architectural firm of Meyer, Scherer, and Rockcastle to work for Barbour/LaDoucer, a firm that specializes in museums and interpretive centres. She is also a diving coach at the U of Minnesota and swims with the Minnesota Ice Masters swim team. "I want to say hi and thank you to all those profs who had to deal with a 'closet artsy' in their science classes and to all those Lit. profs who added a much needed counterpoint to the 'labs,' especially Dr. Hickman, Dr. Bailey, Dr. Michael James, Dr. Kopetsky, Dr. Forest, Dr. Watson, and of course, Dr. Bob! And to all those other U of A alumni who were with me."

Michael Jones, PhD, is a visiting assistant professor of biology specializing in ecology at Kenyon College in Gambier, Ohio.

'96 Gurmeet Ahluwalia, BA, after

spending three years in the workforce, decided to go back to school and entered the MBA program at the Kellogg Graduate School of Management. Gurmeet will be finished his MBA in June. He reports that he will be "leaving Evanston, Illinois, for the bright lights of the big city—New York." Gurmeet will be working as an associate in the investment banking division of Salmon Smith Barney. He can be reached at gurmeet_a@hotmail.com.

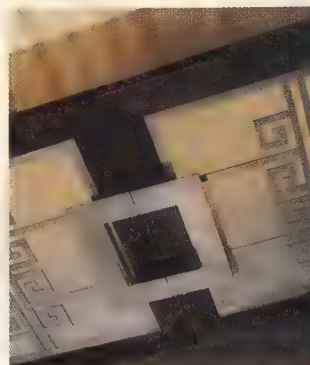
Wes Bredenhof, BA, received a Master of Divinity degree from the Theological College of the Canadian Reformed Churches in Hamilton, Ontario, in September 2000. The minister of the Canadian Reformed Church in Smithers, B.C., he was married in 1994. He and his wife, Rose, have two children—Josiah, who is three, and Julie, who is one.

Gregory Carey, BCom, accepted a position with PriceWaterhouseCoopers Bermuda in October 2000.

Christina Ellis, BA, who recently received her master's degree in environmental studies from York U,



Young entrepreneurs **John Sanders**, '96 BA, and **Selene Yuen**, '97 BA, owners of the Toronto-based design business, **Selenium Creative**, have designed a new line of furniture that was inspired by the Chinese art and culture that steeped Selene's childhood. Entitled the "Dragon Collection," it is imbued with Asian elements that have been simplified into clean, modern shapes. "We wanted to create something with the longevity of Asian culture, but keep it meaningful in this modern day context," said Selene. The duo, who have collaborated on design projects since their undergraduate days at the U of A, have been designing furniture as Selenium Creative since 1998. Below is part of a cabinet that shows the detail of their work. John uses laser cutting that, he says, "makes it possible to produce striking designs, which 10 years earlier would have required a master craftsman and a tortuous amount of time."



studied the role of women in the bushmeat trade in Cameroon. Christine has been recruited by the Jane Goodall Institute as its Congo Basin project coordinator to establish field conservation programs in Africa. She makes her home in Washington, D.C.

Brad Hummel, BCom, and **Michelle Hummel (Hansen)**, '96 BEd, celebrated their fifth wedding anniversary in September. The two have made Edmonton their permanent home after falling in love with the city while at the U of A. Brad is a stockbroker with National Bank Financial, and Michelle is at home caring for three-year-old Matthew and two-year-old Julia.

Sharla Hubbard (Quartz), BA, and her husband welcomed their first daughter in September 1998 and are expecting another little one in May. Sharla, who lives in Edmonton, is currently working part-time as a music instructor for young children.

Lisa Wilde, LLB, '93 BCom, of Edmonton, is the legal counsel for the provincial government's Office of Information and Privacy Commissioner.

'97 Glenn Brown, BSc(Eng), married Sharon Schwitz in July 2000, and they are expecting their second child in June 2001. Glenn is working for Grant Prideco as its Canadian facilities product engineer. Friends can contact him at glenn.brown@prideco.com.

Stephanie Irlbacher Fox, MA, '94 BA, is currently a Donner-Magdelene Scholar at the U of Cambridge in England, where she is studying toward a PhD in polar studies, focusing on political development in Canada's Arctic. Her spouse, **Andrew Fox**, '88 BA, '92 LLB, is the director of the Yellowknife Legal Aid Clinic, where he works in criminal law.

Peter Jancewicz, DMus, of Calgary, recently had three articles ("Boredom: a Musician's Alarm Clock," "The Importance of Voicing and Balance," and "The Importance of Articulation") accepted by *Clavier Magazine*. They are scheduled for publication in 2001. Peter has had two of his new compositions released by Alfred Publishers and his piece for concert band, "Fantasy for Saint Nicholas," premiered with the Calgary Concert Band at the Rosza Centre in Calgary in December. Peter continues to work as piano coordinator



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and teacher at Mount Royal College Conservatory.

Scott Logan, BCom, accepted an internship in Ningbo City, Zhejiang Province, China, where he worked for eight months as an export salesman. While there Scott also taught English at a local college and travelled throughout China. When he returned to Canada, he worked for a forest products company in Vancouver, and then moved to a sales position within the same company, but at its Edmonton office. Scott now works with Millar Western Forest Products, an Edmonton-based operation, where he is the North and Latin American sales and marketing manager. His advice: "My worst mark in University was in international marketing, but I had a goal to be in this line of work and didn't let this setback dissuade me. If I had listened to my marks I would be in accounting." Scott was recently engaged to **Barb Hambling**, '98 BSc.

Jill Schulte, BPE, recently completed a master's degree in kinesiology at



Ryan Hough, '97 BFA, of Edmonton, is the Francis Winspear Centre for Music's first visual artist in residence for the 2000-2001 season. The position was created to bridge Edmonton's musical and visual arts communities, and it is a joint partnership between the Winspear Centre and the Arts Habitat Project. In November 2000, Ryan held a premier showing of his work at the Winspear Centre, and his artwork is showcased on the cover of the ESO's *Signature* magazine.

Western U and accepted a research position at Washington U in St. Louis, Missouri, in the department of internal medicine. Jill will be conducting experiments that utilize phosphorous magnetic resonance spectroscopy to help identify genetic, behavioral, and nutritional mediators of human diabetes.

'98 Stephen Curran, a former U of A Students' Union president, is currently employed with the World Trade Centre in Montreal as a trade mission advisor. Stephen organizes trade missions in various industrial and commercial sectors to the World Bank and the Inter-American Development Bank in Washington, D.C. After graduating from the U of A, Stephen attended the London School of Economics where he received a master's degree in international relations.

Jennifer Grout, BCom, now lives in Hamilton, Bermuda. She obtained her CA designation in January 2000 and accepted a two-year contract in October 2000 with Ernst & Young.

Narmin Hassam, BA, is working in the communications department for Alberta's official opposition as a media and outreach officer.

Geoffrey Robinson, MBA, '96 BPE, reports that the last two years have been extremely busy for him and **Karen Robinson (Sargent)**, '96 BSc, but they are both settling into their newly built home in Toronto. After graduation, Karen completed an MBA in science and technology at Queen's U. Since then, says Geoffrey, she has been a "global jet setter" with

PricewaterhouseCoopers pharmaceutical strategy practice, and can regularly be seen walking around Paris, Frankfurt, New York, or many other U.S. cities." Geoff also entered the consulting world and loves his job as project director at Goldfarb Consultants, where he works in the area of automotive market research. Like Karen, Geoff is also a frequent flyer, but in Southeast Asia and the U.S. The couple would love to hear from classmates who are passing through Toronto. They can be reached at grr5@hotmail.com.

Devon Rowe, MSc, and **Leslie Ann Driver** '98 MSc, are working as geologists near Los Angeles, but took a break in December 2000 to get married. On living in L.A., the couple comments, "We can't complain about the weather, but we do miss the seasons."

Kent Sutherland, BMus, is enrolled in the arts and cultural management program at Grant MacEwan College.

'99 Marlo Reynolds, PhD, was recently named director of the corporate eco-efficiency services unit at the Pembina Institute, an environmental group located in Drayton Valley, Alberta.

Rene McKale, BSc(Eng), is leaving Calgary for the United States to work for the petroleum engineering consulting company, Cline & Associates. Rene will be in Dallas until April or May and then will make the move to Houston. If you would like to reach Rene, e-mail rsmckale@hotmail.com.

Funekile Mdluli, PhD, of Mbabane, Swaziland, would like to say "hi" to everyone in rural economy. "I no longer work for the government, but am consulting on public participation in rural development projects."

CORRECTION

In the *Tuck Shop* feature in the Winter 2000-2001 issue, Ray Rajotte's favourite Christmas tradition was incorrectly listed. It should have read "Réveillon."

Réveillon, a nocturnal meal eaten after Midnight Mass, originally consisted of simple fare that was served with a hot drink, says Jacqueline Girouard, public services librarian at the Faculté Saint Jean. Today, the Réveillon has been transformed into a feast to rival Christmas dinner with dishes that include pea soup, tourtières, turkey, Christmas cookies, and sugar pies. And as a sign of hospitality, spirits, often homemade, are served in large glasses.

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Diana Davidson, '98 BA, '99 MA, and **Stan Bissell**, '97 BSc, '00 BEd, were married in July. The ceremony took place near campus and was followed by a celebration at Lister Hall. The couple now lives in England, where Diana is in her second year of a doctoral program in literature at the U of York, and works as a rotarian ambassador for "services above self." Stan, a former instructor at Edmonton's WP Wagner High School, was nominated for the Edwin Parr Teaching Award for a beginning teacher last year. The couple can be reached at dmd106@york.ac.uk.



Leading by example

Eric Newell doesn't do things in half measures

By Zanne Cameron



ABOUT

ERIC NEWELL

Favourite books:

Recently read and enjoyed *Angela's Ashes*. "But I really like a good mystery, John Grisham and the early Laurence Sanders—the original detective Delaney ones.

Favourite movies:

Epics such as *The Ten Commandments* and *Dr. Zhivago*. "I'll probably go see *Gladiator*."

Favourite pastime:

Golf. "I love to play golf—I've got a 16 handicap, and it's coming down."

Advice to kids:

"Develop character and be honest with yourself about what you want out of life. Don't be mesmerized by titles."

You'd be hard pressed to find a name as synonymous with success in business and commitment to community as Eric Newell, CEO of Syncrude, and current chair of the University of Alberta's Board of Governors. The man whose firm handshake and broad smile are evidence of an active and positive mindset, has a record of achievement in both that is as long as your arm.

Newell is a man who puts his money where his mouth is. "If you're going to be involved, you should do it with both feet," he says. But Newell's commitment to education and community goes far beyond

"If you are going to be involved, you should do it with both feet."

the doors of his company and support of education in high-tech and trades directly related to the oil patch. "Syncrude is the country's largest individual employer of Aboriginal people," he says with significant pride. Syncrude also has contributed \$500 million to a research project aimed at involving Aboriginals in health care and education. Among Newell's many personal community commitments, he is co-chair of the Alliance for Responsible Environmental Alternatives and a director of the Canadian Millennium Scholarship fund. "Ninety-five per cent of our scholarships are needs based," says Newell emphatically. "We give about 285 scholarships a year based on financial need alone, not grades."

A family man

Newell, a values-driven person, tries to live the kind of values and ethics he learned from his parents, who were children of the Depression. "My father

was one of 12 children and had to quit school to work at 15," says Newell. The senior Newell, who became a banker in Victoria, B.C., encouraged his children to get a good education, and he put family and people before everything else. "He was such a kind and gentle person," reflects Newell. "To him people were the most important thing. He was always helping people out." Newell's mother is still going strong at 90. "She lives in the same house she lived in 50 years ago."

Newell took his parents' advice and pursued his education. He obtained his master's degree in management science from the University of Birmingham in the 1968 England of miniskirts and the Beatles. After graduating, he worked for an engineering firm in London under Sir Frederic Warner and was involved in the initial Thames River clean-up project. "I helped design the big barrier scheme that prevents London, [built under the 100-year flood line] from being flooded." Newell's environmental awareness goes back to his undergraduate years when he worked on summer jobs such as surveying for the B.C. forest service.

With the support of his wife, Kathy, a strong practising Catholic, Newell has maintained his family as his number-one priority throughout the years. He attributes his family's success to patience, tolerance, and a healthy sense of humour. "My first community commitments revolved around the kids—coaching hockey, being a Cub leader, helping with the figure skating club.

Also, we've lived in Fort McMurray for the last 14 years. So when my kids were entering those important formative teenage years, we weren't moving around. They really need you to be there during

those years." As well, Newell's family has a strong commitment to faith. "We've always gone to church on Sundays." In a wonderful gesture of marital quid pro quo, Kathy, whom he met in New Jersey, is getting her Canadian citizenship this year, and Newell is converting formally to Catholicism. "It's harder to become a Catholic than a Canadian," quips Newell.

Tremendous environment

Among his numerous commitments, Eric Newell, an advocate for partnership between education and business, is co-chair of the Conference Board of Canada's National Council on Education. He is an officer of the Order of Canada, the chair of CAREERS: The Next Generation Foundation, and a leader in the Alberta partnership between the classroom and the workplace. He has been on the U of A's Board of Governors for five years. This is his third as chair.

It's not surprising that the man who is so dedicated to education and the community does not regard his time on the Board as work.

"We are blessed with great student leaders. You know, I was involved in the student executive during the '60s, and in those days the administration didn't want anything to do with the students. The U of A has the strongest relationship I've seen between its students and the administration. It's a tremendous environment to be in." Newell is committed to strengthening ties between the Senate, alumni, and the Board of Governors at the University. "The only significant problem is that now that Lois Hole has gone, there is no one to give hugs at convocations and awards ceremonies," he says with a chuckle.

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Thursday, October 11

- Alumni Wall of Recognition Induction Ceremony & Reception

Friday, October 12

- Chancellor's Reception

Saturday, October 13

- Tuck Shop Breakfast
- Campus Tours
- Faculty Open Houses

- Alumni Classic Football Game (U of A vs U of Calgary Dinos)
- Gala Dinner & Dance

Sunday, October 14

- President's Brunch
- Memorial Service

Class Organizers

These alumni have volunteered to help get their class together at Reunion 2001. If you'd like to help organize your class reunion, please contact the Office of Alumni Affairs.

1941

Agriculture / John Younie
Civil Engineering / Norman Lawrence
Commerce / F Richard Matthews
Engineering / Victor Henning
Law / William Haddad
Nursing (BSc) / Eva Macklam (Wheeler)
Nursing (Dip - Jan) / Ethel Phillips (Hailes)

Chemical Engineering / E Jack Cuyler
Civil Engineering / Emil Sanden
Education / Mary Kyhn
Electrical Engineering / E Muriel Cheriton (Smith), Robert Proudfoot
Nursing (Dip) / Betty Runyon
Pharmacy / Erma Nash (Stauffer)

1951

Agriculture / Donald Brinton, Donald Murchie, Robert Hironaka, Paul Stelmaschuk, David Jantzie
Chemical Engineering / Art Davison
Commerce / Stu Knop, James Rose
Education / Wilfred Fitzpatrick, Mabel Geary, Audrey Lett, Glen Lett
Geology / Richard Ken McCreary
Home Economics / Elizabeth Mullen (Blackburn)
Law / J Peter Jorgenson, Gordon Peterson
Mining Engineering / John Parker
Nursing (BSc) / Beatrice Hunter
Nursing (Dip - Jan.) / Elizabeth Olson (Goos)
Nursing (Dip - Sept.) / Stella Little
Petroleum Engineering / Gerald Maier

1946

Agriculture / Joseph Fraser, J Leslie Reid

1961
Agriculture / Murray Turnbull
Chemical Engineering / Mel Movold
Civil Engineering / Leon Root
Commerce / Joan Cowling, Vida Grace
Education / Jack Shields
Electrical Engineering / Robert McLean
Home Economics / Glenna Irvine, Martha Gue, Rosemarie Kelly
Law / Howard Starkman, Bruce Jackson, Robert Newton
Pharmacy / Donald Carley

1966

Commerce / Eric Hayne, Joseph Doherty
Dentistry / Lorne Kott
Home Economics / Elizabeth Richards
Law / Ronald Young, Hugh Robertson
M Educ / Robert Smilanich
Mechanical Engineering / Terry Hrudehy
Medicine / Peter Quandt
Pharmacy / Christine Dejong

1966 - 1970

F.O.S. / Glenn Sinclair / for more info check: www.ualberta.ca/alumni/reunion2001/FOS

Pharmacy /

Nancy Collinge, Myros Samyia, Bill Lesick, Olaf Sorenson

1956

Agriculture / Donald Lavery, John Calpas

Commerce / Betty Jean Buchanan

Chemical Engineering / Ronald Brown

Civil Engineering / Ralph Ulveland

Electrical Engineering / Mathew Romanow

Home Economics / Joan Markowski

Law / D Blair Mason, Erik S Lefsrud

Nursing (BSc) / M Ruth Elliott

Nursing (Dip) / Joan Townend

Petroleum Engineering / E Peter Johnson

Pharmacy / Ronal Jewett, Dora Bilko (Schnell)

1971

Agriculture / John Cameron
Civil Engineering / Mike Yakemchuk
Dental Hygiene / Joyce Geldreich
Dentistry / Joseph Brown
Electrical Engineering / Calvin Lyseng
Geology / Randy Turner
Law / Gary Dickson, Simen Fialkow
Nursing (BSc) / Louise Miller
Zoology / Gary Ash, Garry Mann

1976

Agriculture / Bernie (Peter) Kotelko
Chemical Engineering / Wojciech (Walter) Lopata
Civil Engineering / Herb Kuehne, Gordon Babey
Commerce / Murray Lindsay
Dentistry / Rickey Leicht, David Oyen
Electrical Engineering / Kenneth Klimchuk, Glenn Stowkowy, Alan Thomas
Home Economics / Sylvia Chalmers
Law / Rosemary Nation
Nursing (BSc) / Cheryl Knight
Pharmacy / Patricia Jacobsen O'Brien
Recreation Administration / Anne Toole (Donnelly)
Speech Pathology / Kathryn Chapman

1981

Geology / Gary Cox
Law / Larry Anderson
Medicine / Dennis Fong
Mining Engineering / Allan Barlott
Nursing (BSc) / Ann Givens
Pharmacy / Mary Vetsch (Lowe), Rita Pon, Borys Sydoruk
PhD Educ / Mary-Jo Williams (Powell)
Physical Therapy / Laurie McIntosh
Speech Pathology / Jill Rogan

1986

Computer Engineering / Bert Zylstra
PhD Educ / Eugene Ewanyslyn

1991

BComm / Darren Buma
Dentistry / Randall Crowell
MBA / Carol Ford, Stepannie Ibach
Physical Therapy / Mark Laurensse

1996

Geology / Dale Mah
Mining Engineering / Fenna Poelzer
Nursing (BSc) / Eric Stein

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